

Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

LIBRARY
RECEIVED
1901-1903
U. S. DEPARTMENT OF AGRICULTURE
Issued December 31, 1907.

United States Department of Agriculture,

FOREST SERVICE.

GIFFORD PINCHOT, Forester.

FIELD PROGRAM FOR JANUARY, 1908.

This program of field work and assignments in the Forest Service is issued monthly. The names of members whose assignments are not yet fixed, and reference to projects for which plans have not been matured, are necessarily omitted.

It is requested that the members of the Forest Service cooperate in making this program complete and accurate. Information concerning errors or omissions, and changes of project or of address for the following month, should be sent by members to the offices of their respective chiefs not later than the 20th of the month.

Unless the address of a member is given in this program or is definitely known, he should be addressed in care of the Forest Service, Washington, D. C.

OFFICE OF THE FORESTER.

GIFFORD PINCHOT, Forester.

OVERTON W. PRICE, Associate Forester.

HARRY L. HILL, Secretary to the Forester.

P. P. WELLS, Law Officer.

A. C. SHAW, Principal Examiner.

HERBERT A. SMITH, Editor.

GEORGE B. SUDWORTH, Dendrologist.

INSPECTION.

FORESTER AND ASSOCIATE FORESTER.

Inspection District 1.—Montana, Northern Idaho, and Northern Wyoming.

E. A. SHERMAN, Chief Inspector, Missoula, Mont.

Inspector: P. G. REDINGTON, Missoula, Mont.

Inspection District 2.—Colorado, Southern Wyoming, South Dakota, Nebraska, Kansas, Southeastern Montana, and Southeastern Utah.

SMITH RILEY, Chief Inspector, Denver, Colo.

Inspectors: R. P. IMES and F. W. MORRELL, Denver, Colo.; T. D. WOODBURY, Washington, D. C.

Inspection District 3.—Arizona, New Mexico, and Oklahoma.

D. D. BRONSON, Chief Inspector, Albuquerque, N. Mex.

Inspectors: T. S. WOOLSEY, Jr., W. R. MATTOON, and A. O. WAHA, all at Albuquerque, N. Mex.

Inspection District 4.—Utah, Southern Idaho, Western Wyoming, Eastern Nevada, and Northern Arizona.

R. E. BENEDICT, Chief Inspector, Salt Lake City, Utah. ♦

Inspectors: F. W. REED, J. M. FETHEROLF, and L. L. WHITE, all at Salt Lake City, Utah.

Inspection District 5.—California and Western Nevada.

F. E. OLMS TED, Chief Inspector, San Francisco, Cal.

Inspectors: COERT DU BOIS, J. H. HATTON, WM. C. HODGE, Jr., G. W. PEAVY, S. J. FLINTHAM, and J. K. CAMPBELL, all at San Francisco, Cal.

Inspection District 6.—Washington, Oregon, and Alaska.

E. T. ALLEN, Chief Inspector, Portland, Oreg.

Inspectors: M. L. ERICKSON, W. H. B. KENT, and F. E. AMES, all at Portland, Oreg.; C. H. ADAMS, Washington, D. C.

White Mountain and Appalachian Investigation: WM. L. HALL, Assistant Forester in Charge; assistant, A. K. CHITTENDEN.

E. S. BRUCE, Expert Lumberman and Special Inspector, in the Office of the Forester.

BRANCH OF SILVICULTURE.

WILLIAM T. COX, Assistant Forester, in Charge.

OFFICE OF MANAGEMENT.

E. E. CARTER, Chief.

W. G. WEIGLE, Assistant Chief.

Timber Sales, E. H. CLAPP, Chief.

G. M. HOMANS, Assistant Chief.

Timber Sale Correspondence.

District 1—J. H. ALLISON.

District 2—ZEPH JONES.

District 3—J. E. KEACH (detailed from Organization).

District 4—C. E. DUNSTON.

Districts 5 and 6—D. C. A. GALARNEAU.

Trespass—FRED LEES.

Preparation of General Rules for Marking.—A. B. RECKNAGEL.

Temporary assignments for work on important sales under the direction of supervisors:

W. T. ANDREWS, Lumberman, St. Anthony, Idaho.

J. S. BAIRD, Lumberman, Cass Lake, Minn.

J. ST. J. BENEDICT, Forest Assistant, Townsend, Mont.

M. BURNS, Lumberman, Cass Lake, Minn.

W. D. CLARK, Forest Agent, Clearwater, Mont.

GEO. L. COTT, Lumberman, Keystone, Wyo.

W. G. DURBIN, Forest Agent, Quincy, Cal.

NILS ECKBO, Forest Agent, Newport, Wash.

GEO. P. GREGG, Lumberman, Keystone, Wyo.

P. T. HARRIS, Forest Assistant, Helena, Mont.

C. S. JUDD, Forest Assistant, Beckwith, Cal.

G. S. KEARNEY, Forest Agent, Townsend, Mont.

W. E. LA FOUNTAIN, Lumberman, Kalispell, Mont.
 R. M. McMURRY, Forest Assistant, Kalispell, Mont.
 D. T. MASON, Forest Assistant, Durango, Colo.
 W. R. MCKINNON, Lumberman, Cass Lake, Minn.
 L. S. MURPHY, Forest Assistant, Livingston, Mont.
 A. J. NORTON, Lumberman, Kalispell, Mont.
 J. F. PRESTON, Forest Assistant, Neihart, Mont.
 G. E. SAWYER, Forest Agent, Livingston, Mont.
 F. TOMPKINS, Forest Agent, Kalispell, Mont.
 J. D. WARNER, Forest Assistant, Wallace, Idaho.

Reconnaissance, E. E. CARTER.

Washington—

Working plan for Chelan Basin—MAX ROTKUGEL, Washington, D. C.

Cooperation, J. S. HOLMES, Acting.

PROJECTS.

Eastern States—

Timberland examinations—W. D. STERRETT and WESLEY BRADFIELD, Washington, D. C.

Mississippi—

Study of forest conditions, in cooperation with the State Geological Survey—J. S. HOLMES, GEO. L. CLOTHIER, and J. H. FOSTER, Jackson.

Montana—

Preparation of report on forest conditions, in cooperation with the Northern Pacific Railway Company—KARL W. WOODWARD, in charge; assistant, S. L. MOORE, Washington, D. C.

Maine—

Forest conditions—AUSTIN CARY, Brunswick.

New Mexico—

Supervision of cutting, Fort Wingate Military Reservation, in cooperation with the War Department—NELSON LE GRAND, Guam, N. Mex.

Wisconsin—

Working plans for timber sales on Indian reservations, in cooperation with the State and U. S. Indian Office—E. M. GRIFFITH, State Forester, Madison; assistant, J. A. HOWARTH, Jr., Ashland.

Forest Atlas, F. G. PLUMMER, Washington, D. C.

OFFICE OF SILVICS.

RAPHAEL ZON, Chief.

Field Studies, RAPHAEL ZON.

PROJECTS.

Colorado—

Location and estimate of timber infested by the Black Hills beetle, the Engelmann spruce beetle, the Douglas fir beetle, etc., in Colorado National Forests, and investigation of the facilities for barking the standing timber or disposing of it, in cooperation with the Bureau of Entomology (forest insect investigations, A. D. Hopkins, in charge)—W. D. EDMONSTON, Colorado Springs, Colo.

Eastern States—

Study of second growth yellow poplar—W. W. ASHE, Washington, D. C.
 Study of the hickories—A. T. BOISEN; assistant, C. G. BATES, Washington, D. C.

Montana—

Study of cut-over areas of lodgepole pine—E. R. HODSON, Washington, D. C.

Northeastern States—

Study of the birches—S. T. DANA, Washington, D. C.

New England—

Study of the white pine disease, its extent, amount of damage caused, and practical measures for preventing its spread, in cooperation with the Division of Forest Pathology, Bureau of Plant Industry—S. T. DANA, Washington, D. C.

Rocky Mountain States—

Study of Douglas fir, with special reference to its growth, volume, and reproduction—E. H. FROTHINGHAM, Washington, D. C.

Library, H. E. STOCKBRIDGE.

Compilation, E. H. FROTHINGHAM.

OFFICE OF EXTENSION.

SAMUEL N. SPRING, Chief.

Planting, L. C. MILLER.

Reconnaissance, W. H. von BAYER.

Cooperation, A. S. PECK.

PROJECTS.

Preparation and revision of plans for planting stations—J. F. KÜMMEL, Washington, D. C.

Compilation of data from planting station reports—G. B. MACDONALD, Washington, D. C.

Preparation of report on examination of lands of Cleveland-Cliffs Iron Company in Michigan, and preparation of a planting plan for the company—W. H. von BAYER, Washington, D. C.

Compilation of data on cooperative planting—C. A. KUPFER, Washington, D. C.

BRANCH OF GRAZING.

A. F. POTTER, Assistant Forester, in Charge.

OFFICE OF CONTROL.

L. F. KNEIPP, Chief (in the Field).

WILL C. BARNES, Acting Chief.

Allotment, WILL C. BARNES.

Adjustment, E. N. KAVANAGH, Acting.

Permits, Miss ANNA P. KOSCHWITZ

OFFICE OF DEVELOPMENT.

C. H. ADAMS, Acting Chief.

Fences, C. H. ADAMS.

Forage, W. C. CLOS (in the Field).

Water, J. K. CAMPBELL (in the Field).

HENRY A. BERGH, Acting.

PROJECTS.

Forage investigations; compilation of data—F. V. COVILLE, Botanist, Bureau of Plant Industry, in charge, Washington, D. C.; JAMES T. JARDINE, Expert, Washington, D. C.; ARTHUR T. SAMPSON, Expert, Washington, D. C.; G. A. PEARSON, Forest Assistant, Washington, D. C.

Poisonous plant investigations—Prof. C. D. MARSH, Expert, Bureau of Plant Industry, in charge, Hugo, Colo.; IVAR TIDESTROM, Scientific Assistant, Washington, D. C.

BRANCH OF PRODUCTS.

WM. L. HALL, Assistant Forester, in Charge.

OFFICE OF WOOD UTILIZATION.

R. S. KELLOGG, Chief.

Computing, E. A. ZIEGLER.
Drafting, C. A. KOLB.

Wood Chemistry, H. S. BRISTOL.
Wood Uses, M. CLINE.

PROJECTS.

California—

Tests of the strength of eucalyptus, redwood, and tanbark oak, in cooperation with the University of California and the Northwestern Redwood Company—L. E. HUNT, Berkeley; assistant, G. R. GESSERT.

Connecticut—

Timber tests, with special reference to the influence of method of drying on the strength of timber, in cooperation with Yale University—H. D. TIEMANN, Yale Station, New Haven; assistant, CORNELIUS BARRY.

Florida—

Turpentine orcharding experiments—P. D. EDMUNDS, Green Cove Springs.

Indiana—

Tests of structural timbers and a number of species of hickory, in cooperation with Purdue University—W. K. HATT, Lafayette; assistants, J. A. NEWLIN and J. O. BIXBY.

Mississippi—

Selection and treatment of longleaf and loblolly pine stringers, for treated-timber tests—H. S. BETTS.

Washington—

Tests of western hemlock and National Forest woods, in cooperation with the University of Washington; also selection of Douglas fir stringers for treated-timber tests—O. P. M. GOSS, University Station, Seattle; assistant, A. L. HEIM.

General Studies—

Washington office, timber tests—H. S. BETTS, in charge; assistants, T. W. VENEMANN and H. E. MCKENZIE.

Design of impact testing machine—ROLF THELEN, Washington, D. C.

Properties and utilization of Douglas fir—J. B. KNAPP, Washington, D. C.

Collection of statistics of forest products, in cooperation with the Bureau of the Census—W. B. BARROWS, Washington, D. C.; GEORGE K. SMITH, Lumbermen's Building, St. Louis, Mo.

Study of commercial processes of wood distillation—L. F. HAWLEY, Washington, D. C.

Study of chemical problems in wood utilization—ERNEST BATEMAN and E. SUTTERMAYER, Washington, D. C.; A. L. DEAN, 93 Broad street, Boston, Mass.

Studies in the heat conductivity of wood—FREDERICK DUNLAP, Washington, D. C.

Study of National Forest woods—H. B. HOLROYD, Washington, D. C.

Study of the uses of western hardwoods—H. S. SACKETT, Washington, D. C.

OFFICE OF WOOD PRESERVATION.

CARL G. CRAWFORD, Chief.

PROJECTS.

Alabama—

Preservative treatment of fence posts and other farm timbers, in cooperation with the State Agricultural Experiment Stations—C. L. HILL, Washington, D. C., until January 15.

California—

Experiments in seasoning and treating telephone and other poles for electric wires, in cooperation with electric companies in southern California—W. R. WHEATON, Hotel Westmore, Los Angeles; assistants, O. T. SWAN, Hotel Sequoia, Fresno, and W. H. KEMPFER, 212 South Grand avenue, Los Angeles.

Connecticut—

Experiments to ascertain the effects of live steam and vacuum as ordinarily used at commercial treating plants on the moisture content and absorptive qualities of different kinds of wood—C. STOWELL SMITH, Yale Forest School, New Haven.

Louisiana—

Preservative treatment of fence posts and other farm timbers, in cooperation with the State Agricultural Experiment Stations—H. B. EASTMAN, Washington, D. C., until January 15.

Pennsylvania—

Experiments in treating mine timbers, in cooperation with the Philadelphia and Reading Coal and Iron Company—JOHN M. NELSON, Jr., care Philadelphia and Reading Coal and Iron Company, Pottsville.

Wisconsin—

The laying of an experimental track with hemlock and tamarack cross-ties to test the value of seasoning and treating, and of various devices for reducing the mechanical wear of the rails; in cooperation with the Chicago and Northwestern Railway Company—H. A. PAUL, Myers Hotel, Janesville.

General Studies--

Correlation of data on the preservative treatment of American and foreign woods—M. C. JENSEN, Washington, D. C.

Preparation of plans for future work—H. F. WEISS, Washington, D. C.

OFFICE OF PUBLICATION.**FINDLEY BURNS, Chief.**

Articles, T. CLEVELAND, Jr.
Review, FINDLEY BURNS.
Printing, QUINCY R. CRAFT.

Distribution, BRISTOW ADAMS.
Education, H. A. WINKENWERDER.

PUBLICATIONS IN DECEMBER.

- Circular 117. The Preservative Treatments of Fence Posts.
- Circular 118. Management of Second Growth in the Southern Appalachians.
- Circular 121. Wood Used for Distillation in 1906.
- Circular 122. The Lumber Cut of the United States: 1906.
- Circular 123. Production of Slack Cooperage Stock in 1906.
- Circular 124. Consumption of Cross-Ties in 1906.
- Circular 125. Production of Tight Cooperage Stock in 1906.
- Circular 130. Forestry in the Public Schools.
- Circular 131. Practical Forestry on a Spruce Tract in Maine.

BRANCH OF OPERATION.

JAMES B. ADAMS, Assistant Forester, in Charge.

CHAS. S. CHAPMAN, Assistant Forester.

GEO. G. ANDERSON, Assistant in Office Methods.

OFFICE OF ACCOUNTS.

GEORGE E. KING, Fiscal Agent and Chief.

Disbursing, E. A. MELZAR.
Bookkeeping, O. H. TIBBOTT.

Appointments, Miss FLORENCE D. STRAUSE.
Receipts, Miss MARY R. LATIMER.

OFFICE OF MAINTENANCE.

HERMON C. METCALF, Chief.

Purchase, H. C. TOWERS.
Record, H. C. METCALF.
Supplies, A. M. SMITH.

Photography, A. G. VARELA.
Property Auditor, J. G. FALCK.

OFFICE OF LANDS.

GEORGE F. POLLOCK, Chief.

Special Uses , M. J. McVEAN, (in the Field). C. H. SQUIRE , Acting. Claims , F. L. HARVEY.	Settlement , A. C. RINGLAND, Acting. Status , J. B. SATTERLEE. Boundaries , H. O. STABLER, Acting.
---	---

OFFICE OF ENGINEERING.

W. E. HERRING, Chief.

OFFICE OF ORGANIZATION.

CLYDE LEAVITT, Chief (in the Field).
GEO. H. CECIL, Acting Chief.

H. W. THURSTON, Forest Supervisor, District 1.
T. D. WOODBURY, Inspector, District 2.
R. C. MCCLURE, Forest Supervisor, District 3.
J. B. LAFFERTY, Forest Supervisor, District 4.
L. A. BARRETT, Forest Supervisor, District 5.
A. E. COHOON, Deputy Forest Supervisor, District 6.
M. B. PRATT, Forest Assistant (Special Detail).
H. M. HALE, Forest Assistant (Special Detail).

NATIONAL FORESTS.

(Numerals following National Forests indicate Inspection Districts.)

ALASKA.

Afognak—W. A. LANGILLE, Forest Supervisor, Ketchikan. (6)
Alexander Archipelago—W. A. LANGILLE, Forest Supervisor, Ketchikan. (6)
Chugach—W. A. LANGILLE, Forest Supervisor, Ketchikan. (6)
Tongass—W. A. LANGILLE, Forest Supervisor, Ketchikan. (6)

ARIZONA.

Baboquivari—ROScoe G. WILLSON, Acting Forest Supervisor, Nogales. (3)
Black Mesa (N.)—T. S. WOOLSEY, Acting Supervisor, Show Low; J. H. ALLISON, Forest Assistant; WILLARD M. DRAKE, Forest Assistant. (3)
Black Mesa (S.)—DRAYTON C. MARTIN, Acting Forest Supervisor, Springerville. (3)
Chiricahua—C. T. McGLONE, Forest Supervisor, Douglas; H. D. BURRALL, Forest Assistant. (3)
Dragoon—ROBERT J. SELKIRK, Forest Supervisor, Benson; H. D. BURRALL, Forest Assistant. (3)
Grand Canyon (N.)—JOHN H. CLARK, Acting Forest Supervisor, Kanab, Utah. (4)
Grand Canyon (S.)—F. S. BREEN, Forest Supervisor, Flagstaff; J. H. ALLISON, Forest Assistant; WILLARD M. DRAKE, Forest Assistant. (3)
Huachuca—ROScoe G. WILLSON, Forest Supervisor, Nogales. (3)
Mount Graham—THEODORE T. SWIFT, Acting Forest Supervisor, Safford. (3)
Pinal Mountains—THEODORE T. SWIFT, Acting Forest Supervisor, Safford. (3)
Prescott—F. C. W. POOLER, Forest Supervisor, Prescott. (3)
San Francisco Mountains—F. S. BREEN, Forest Supervisor, Flagstaff; J. H. ALLISON and WILLARD M. DRAKE, Forest Assistants. (3)

- Santa Catalina**—ROBERT J. SELKIRK, Forest Supervisor, Benson; H. D. BURRALL, Forest Assistant. (3)
Santa Rita—ROBERT J. SELKIRK, Forest Supervisor, Benson; H. D. BURRALL, Forest Assistant. (3)
Tonto—W. H. REED, Forest Supervisor, Roosevelt. (3)
Tumacacori—ROSCOE G. WILLSON, Forest Supervisor, Nogales. (3)

ARKANSAS.

- Arkansas**—S. J. RECORD, Forest Supervisor, Fort Smith. (3)

CALIFORNIA.

- Diamond Mountain**—L. A. H. KLING, Acting Forest Supervisor, Quincy. (5)
Inyo—A. H. HOGUE, Forest Supervisor, Bishop; D. N. ROGERS, Forest Assistant. (5)
Klamath—R. L. P. BIGELOW, Forest Supervisor, Yreka. (5)
Lassen Peak—L. A. H. KLING, Acting Forest Supervisor, Quincy. (5)
Modoc—C. E. RACHFORD, Forest Supervisor, Alturas. (5)
Monterey—N. O. TORSTENSON, Forest Supervisor, Salinas. (5)
Pinnacles—N. O. TORSTENSON, Forest Supervisor, Salinas. (5)
Plumas—L. A. H. KLING, Acting Forest Supervisor, Quincy. (5)
San Benito—N. O. TORSTENSON, Forest Supervisor, Salinas. (5)
San Bernardino—R. H. CHARLTON, Forest Supervisor, Los Angeles. (5)
San Gabriel—R. H. CHARLTON, Forest Supervisor, Los Angeles; Pasadena Planting Station—E. C. CLIFFORD, Pasadena; SEROPE Y. PARNA, Forest Expert. (5)
San Jacinto—H. A. E. MARSHALL, Forest Supervisor, Hemet. (5)
San Luis Obispo—E. S. MAINWARING, Forest Supervisor, San Luis Obispo. (5)
Santa Barbara—WILLIS M. SLOSSON, Forest Supervisor, Santa Barbara; H. G. MERRILL, Forest Assistant; San Marcos Planting Station—B. R. H. D'ALLEMAND; Assistant, H. C. MUZZALL, Santa Barbara. (5)
Shasta—G. A. COLEMAN, Forest Supervisor, Sisson; R. F. HAMMATT, Forest Assistant. (5)
Sierra (E.)—A. H. HOGUE, Forest Supervisor, Bishop; D. N. ROGERS, Forest Assistant. (5)
Sierra (N.)—CHARLES H. SHINN, Forest Supervisor, Northfork; H. J. TOMPKINS, Forest Assistant. (5)
Sierra (S.)—W. C. BURTON, Acting Forest Supervisor, Hot Springs; W. M. MAULE, Forest Assistant. (5)
Stanislaus—STUART J. FLINTHAM, Acting Forest Supervisor, Sonora; R. W. AYRES, Forest Assistant. (5)
Stony Creek—ERNEST BRITTON, Forest Supervisor, Elk Creek. (5)
Tahoe—MADISON B. ELLIOTT, Forest Supervisor, Nevada City. (5)
Trabuco Canyon—H. A. E. MARSHALL, Forest Supervisor, Hemet. (5)
Trinity—F. H. HAFLY, Forest Supervisor, Weaverville. (5)
Warner Mountains—C. E. RACHFORD, Forest Supervisor, Alturas. (5)

COLORADO.

- Battlement Mesa**—DAVID ANDERSON, Forest Supervisor, Collbran. (2)
Cochetopa—EUGENE WILLIAMS, Forest Supervisor, Saguache. (2)
Fruita—H. K. PORTER, Forest Supervisor, Delta; J. H. RAMSKILL, Forest Assistant. (2)
Gunnison—W. R. KREUTZER, Forest Supervisor, Gunnison; E. C. BERKY, Deputy Forest Supervisor. (2)
Holy Cross—HARRY H. FRENCH, Forest Supervisor, Glenwood Springs; SWIFT BERRY, Forest Assistant. (2)
La Sal—ORRIN C. SNOW, Forest Supervisor, Moab, Utah. (2)
Las Animas—D. E. FITTON, Acting Forest Supervisor, La Veta. (2)
Leadville—A. L. STROUP, Forest Supervisor, Leadville; J. F. BRUINS, Forest Assistant. (2)
Medicine Bow (Colo. Div.)—HERBERT N. WHEELER, Forest Supervisor, Estes Park. (2)
Montezuma—ERNEST W. SHAW, Forest Supervisor, Durango; C. M. GRANGER, Forest Assistant. (2)
Ouray—H. K. PORTER, Forest Supervisor, Delta; J. H. RAMSKILL, Forest Assistant. (2)

- Park Range**—THOMAS HOGAN, Forest Supervisor, Steamboat Springs. (2)
Pikes Peak—THOS. H. SHERRARD, Forest Supervisor, Denver; W. J. MORRILL, Forest Assistant. (2)
San Isabel—C. J. STAHL, Forest Supervisor, West Cliffe. (2)
San Juan—F. C. SPENCER, Forest Supervisor, Monte Vista; A. A. PARKER, Deputy Forest Supervisor; P. T. COOLIDGE, Forest Assistant. (2)
Uncompahgre—H. K. PORTER, Forest Supervisor, Delta; J. H. RAMSKILL, Forest Assistant. (2)
Wet Mountains—C. J. STAHL, Forest Supervisor, West Cliffe. (2)
White River—JAMES A. BLAIR, Forest Supervisor, Meeker. (2)

IDAHO.

- Bear River**—MARK G. WOODRUFF, Forest Supervisor, Logan, Utah; J. F. SQUIRES, Deputy Forest Supervisor. (4)
Big Hole (S.)—J. B. SEELY, Forest Supervisor, Sheridan, Mont. (1)
Bitter Root—F. A. FENN, Forest Supervisor, Kooskia. (1)
Cabinet (N.)—D. G. KINNEY, Forest Supervisor, Libby, Mont. (1)
Caribou—J. T. WEDEMEYER, Forest Supervisor, Idaho Falls. (4)
Cassia—P. T. WRENSTED, Forest Supervisor, Pocatello. (4)
Coeur d'Alene—RICHARD H. RUTLEDGE, Forest Supervisor, Wallace; J. E. BARTON, Deputy Forest Supervisor. (1)
Henry's Lake—FOSTER STEELE, Acting Forest Supervisor, St. Anthony; A. D. READ, Forest Assistant. (4)
Kootenai—D. G. KINNEY, Forest Supervisor, Libby, Mont. (1)
Lemhi (N.)—GEORGE G. BENTZ, Forest Supervisor, Salmon City. (4)
Lemhi (S.)—GUY B. MAINS, Forest Supervisor, Mackay. (4)
Palouse—RICHARD H. RUTLEDGE, Forest Supervisor, Wallace; J. E. BARTON, Deputy Forest Supervisor. (1)
Payette—EMILE GRANDJEAN, Forest Supervisor, Boise; O. M. BUTLER, Forest Assistant. (4)
Pocatello—P. T. WRENSTED, Forest Supervisor, Pocatello. (4)
Port Neuf—P. T. WRENSTED, Forest Supervisor, Pocatello. (4)
Priest River—R. L. FROMME, Acting Forest Supervisor, Newport, Wash. (1)
Raft River—P. T. WRENSTED, Forest Supervisor, Pocatello. (4)
Salmon River—GEORGE G. BENTZ, Forest Supervisor, Salmon City. (4)
Sawtooth—EMIL GRANDJEAN, Forest Supervisor, Boise; O. M. BUTLER, Forest Assistant. (4)
Weiser—WALTER M. CAMPBELL, Acting Forest Supervisor, Weiser; C. G. SMITH, Forest Assistant. (4)
Yellowstone (Idaho Div.)—FOSTER STEELE, Acting Forest Supervisor, St. Anthony; A. D. READ, Forest Assistant. (4)

KANSAS.

- Garden City**—CHARLES A. SCOTT, Forest Supervisor, Halsey, Nebr. (2)

MINNESOTA.

- Minnesota**—G. E. MARSHALL, Forest Supervisor, Cass Lake. (2)

MONTANA.

- Big Belt**—D. W. MARYOTT, Acting Forest Supervisor, Townsend. (1)
Big Hole (Anaconda Div.)—CHARLES C. HALL, Forest Supervisor, Anaconda; P. S. LOVEJOY, Forest Assistant. (1)
Big Hole (N.)—C. K. WYMAN, Forest Supervisor, Dillon; ROBT. J. MOORE, Deputy Forest Supervisor. (1)
Big Hole (S.)—J. B. SEELY, Forest Supervisor, Sheridan. (1)
Bitter Root (Montana Div.)—ELERS KOCH, Forest Supervisor, Missoula; W. W. WHITE, Deputy Forest Supervisor; K. R. McGUFFEY, Forest Assistant. (1)
Cabinet (N.)—D. G. KINNEY, Forest Supervisor, Libby. (1)
Cabinet (S.)—ROY HEADLEY, Acting Forest Supervisor, Thompson Falls. (1)
Crazy Mountains—E. C. RUSSELL, Forest Supervisor, Livingston. (1)
Ekalaka—C. A. BALLINGER, Acting Forest Supervisor, Camp Crook, S. Dak. (2)
Elkhorn—D. W. MARYOTT, Acting Forest Supervisor, Townsend. (1)
Gallatin—DAVID CONKLIN, Forest Supervisor, Bozeman. (1)

- Helena**—DWIGHT BUSHNELL, Forest Supervisor, Helena; M. N. STICKNEY, Forest Assistant. (1)
- Hell Gate (E.)**—CHARLES C. HALL, Forest Supervisor, Anaconda; P. S. LOVEJOY, Forest Assistant. (1)
- Hell Gate (W.)**—ELERS KOCH, Forest Supervisor, Missoula; W. W. WHITE, Deputy Forest Supervisor; K. R. McGUFFEY, Forest Assistant. (1)
- Highwood Mountains**—JAMES G. THAIN, Forest Supervisor, Highwood. (1)
- Kootenai**—D. G. KINNEY, Forest Supervisor, Libby. (1)
- Lewis and Clark (N.)**—F. N. HAINES, Forest Supervisor, Kalispell. (1)
- Lewis and Clark (S.)**—PAGE S. BUNKER, Forest Supervisor, Kalispell. (1)
- Little Belt**—R. W. STUART, Forest Supervisor, Great Falls. (1)
- Little Rockies**—JAMES G. THAIN, Forest Supervisor, Highwood. (1)
- Lolo**—ELERS KOCH, Forest Supervisor, Missoula; W. W. WHITE, Deputy Forest Supervisor; K. R. McGUFFEY; Forest Assistant. (1)
- Long Pine**—C. A. BALLINGER, Acting Forest Supervisor, Camp Crook, S. Dak. (2)
- Madison**—J. B. SEELY, Forest Supervisor, Sheridan. (1)
- Missoula**—ELERS KOCH, Forest Supervisor, Missoula; W. W. WHITE, Deputy Forest Supervisor; K. R. McGUFFEY, Forest Assistant. (1)
- Otter**—A. C. McCAIN, Forest Supervisor, Ashland. (1)
- Pryor Mountains**—JOHN H. RUFF, Acting Forest Supervisor, Cody, Wyo. (1)
- Snowy Mountains**—R. W. STUART, Forest Supervisor, Great Falls. (1)
- Yellowstone (Absaroka Div.)**—E. C. RUSSELL, Forest Supervisor, Livingston. (1)

NEBRASKA.

- Dismal River**—C. A. SCOTT, Forest Supervisor, Halsey. Halsey Planting Station—W. H. MAST. (2)
- Niobrara**—C. A. SCOTT, Forest Supervisor, Halsey. (2)
- North Platte**—C. A. SCOTT, Forest Supervisor, Halsey. (2)

NEVADA.

- Charleston**—HARRY E. MATHEWS, Acting Forest Supervisor, Las Vegas. (4)
- Independence**—CLARENCE N. WOODS, Forest Supervisor, Elko. (4)
- Monitor**—DAVID BARNETT, Acting Forest Supervisor, Austin. (4)
- Ruby Mountains**—CLARENCE N. Woods, Forest Supervisor, Elko. (4)
- Tahoe**—M. B. ELLIOTT, Forest Supervisor, Nevada City, Cal. (5)
- Toiyabe**—DAVID BARNETT, Acting Forest Supervisor, Austin. (4)
- Toquima**—DAVID BARNETT, Acting Forest Supervisor, Austin. (4)
- Vegas**—HARRY E. MATHEWS, Acting Supervisor, Las Vegas. (4)

NEW MEXICO.

- Big Burros**—W. H. GODDARD, Acting Forest Supervisor, Silver City; DOUGLAS RODMAN, Forest Assistant. (3)
- Gallinas**—J. H. KINNEY, Forest Supervisor, Capitan. (3)
- Gila (N.)**—JOHN KERR, Forest Supervisor, Magdalena; R. F. BALTHIS, Forest Assistant. (3)
- Gila (S.)**—W. H. GODDARD, Acting Forest Supervisor, Silver City; DOUGLAS RODMAN, Forest Assistant. Fort Bayard Planting Station—W. B. HADLEY, Forest Assistant, Fort Bayard. (3)
- Guadalupe**—CHARLES H. HINDERER, Forest Supervisor, Alamogordo; L. L. JANES, Forest Assistant. (3)
- Jemez**—ROSS McMILLAN, Forest Supervisor, Santa Fe; ELWOOD I. TERRY, Forest Assistant. (3)
- Lincoln**—J. H. KINNEY, Forest Supervisor, Capitan. Fort Stanton Planting Station—H. C. TURNER, Fort Stanton. (3)
- Magdalena**—JOHN KERR, Forest Supervisor, Magdalena; R. F. BALTHIS, Forest Assistant. (3)
- Manzano**—HUGH H. HARRIS, Forest Supervisor, Albuquerque. (3)
- Mount Taylor**—HUGH H. HARRIS, Forest Supervisor, Albuquerque. (3)
- Pecos River**—ROSS McMILLAN, Forest Supervisor, Santa Fe; ELWOOD I. TERRY, Forest Assistant. Las Gallinas Planting Station—W. D. HAYES, East Las Vegas. (3)
- Peloncillo**—C. T. McGLOONE, Forest Supervisor, Douglas, Ariz.; H. D. BURRALL, Forest Assistant. (3)
- Sacramento**—CHARLES H. HINDERER, Forest Supervisor, Alamogordo; L. L. JANES, Forest Assistant. (3)

- San Mateo**—JOHN KERR, Forest Supervisor, Magdalena; R. F. BALTHIS, Forest Assistant. (3)
Taos—ROSS McMILLAN, Forest Supervisor, Santa Fe; ELWOOD L. TERRY, Forest Assistant. (3)

OKLAHOMA.

- Wichita**—FRANK RUSH, Acting Forest Supervisor, Cache. (3)

OREGON.

- Ashland**—M. J. ANDERSON, Forest Supervisor, Grants Pass; HUGH M. GUTHRIE, Deputy Forest Supervisor; N. F. MACDUFF, Forest Assistant. (6)
Blue Mountains (E.)—HENRY IRELAND, Forest Supervisor, Sumpter. (6)
Blue Mountains (W.)—A. S. IRELAND, Forest Supervisor, Prineville. (6)
Bull Run—R. B. WILSON, Forest Supervisor, Portland. (6)
Cascade (N.)—R. B. WILSON, Forest Supervisor, Portland. (6)
Cascade (S.)—S. C. BARTRUM, Forest Supervisor, Roseburg. (6)
Coquille—M. J. ANDERSON, Forest Supervisor, Grants Pass; HUGH M. GUTHRIE, Deputy Forest Supervisor; N. F. MACDUFF, Forest Assistant. (6)
Fremont—GUY M. INGRAM, Forest Supervisor, Lakeview. (6)
Goose Lake—GUY M. INGRAM, Forest Supervisor, Lakeview. (6)
Heppner—THOMAS E. CHIDSEY, Forest Supervisor, Heppner. (6)
Imnaha—HOWARD K. O'BRIEN, Forest Supervisor, Wallowa; HARVEY W. HARRIS, Deputy Forest Supervisor. (6)
Malheur—CY. J. BINGHAM, Acting Forest Supervisor, John Day. (6)
Siskiyou—M. J. ANDERSON, Forest Supervisor, Grants Pass; HUGH M. GUTHRIE, Deputy Forest Supervisor; N. F. MACDUFF, Forest Assistant. (6)
Tillamook—C. R. SEITZ, Forest Supervisor, Eugene. (6)
Umpqua—C. R. SEITZ, Forest Supervisor, Eugene. (6)
Wenaha—J. M. SCHMITZ, Forest Supervisor, Walla Walla, Wash. (6)

SOUTH DAKOTA.

- Black Hills**—E. M. HAMILTON, Acting Forest Supervisor, Deadwood; ARTHUR L. LYNN, Deputy Forest Supervisor; H. C. NEEL and JOHN MURDOCH, JR., Forest Assistants. (2)
Cave Hills—C. A. BALLINGER, Acting Forest Supervisor, Camp Crook. (2)
Short Pine—C. A. BALLINGER, Acting Forest Supervisor, Camp Crook. (2)
Slim Buttes—C. A. BALLINGER, Acting Forest Supervisor, Camp Crook. (2)

UTAH.

- Aquarius**—GEORGE H. BARNEY, Forest Supervisor, Escalante. (4)
Bear River—MARK G. WOODRUFF, Forest Supervisor, Logan; J. F. SQUIRES, Deputy Supervisor. (4)
Beaver—WILLIAM HURST, Forest Supervisor, Beaver. (4)
Dixie—CHARLES G. Y. HIGGINS, Forest Supervisor, St. George. (4)
Fillmore—WILLIAM HURST, Forest Supervisor, Beaver. (4)
Fish Lake—N. E. SNELL, Forest Supervisor, Salina. (4)
Glenwood—N. E. SNELL, Forest Supervisor, Salina. (4)
Grantsville—C. F. COOLEY, Forest Supervisor, Grantsville. (4)
La Sal—ORRIN C. SNOW, Forest Supervisor, Moab. (2)
Manti—A. W. JENSEN, Forest Supervisor, Ephraim. (4)
Monticello—ORRIN C. SNOW, Forest Supervisor, Moab. (2)
Payson—DAN S. PACK, Forest Supervisor, Payson. (4)
Raft River—P. T. WRENSTED, Forest Supervisor, Pocatello, Idaho. (4)
Salt Lake—E. H. CLARKE, Forest Supervisor, Salt Lake City; Wasatch Planting Station—N. J. FETHEROLF. (4)
Sevier—TIMOTHY C. HOYT, Forest Supervisor, Panguitch. (4)
Uinta—WILLARD I. PACK, Forest Supervisor, Provo; D. S. MARSHALL, Deputy Forest Supervisor; WM. M. ANDERSON, Deputy Forest Supervisor. (4)
Vernon—C. F. COOLEY, Forest Supervisor, Grantsville. (4)
Wasatch—E. H. CLARKE, Forest Supervisor, Salt Lake City. (4)

WASHINGTON.

- Colville**—W. W. CRYDER, Forest Supervisor, Republic. (6)
Olympic—FRED HANSON, Forest Supervisor, Hoodspout. (6)

Priest River—R. L. FROMME, Acting Forest Supervisor, Newport. (1)
Rainier—G. F. ALLEN, Forest Supervisor, Orting. (6)
Washington (Chelan Div.)—G. W. MILLIAM, Forest Supervisor, Chelan. (6)
Washington (W.)—G. B. COLEMAN, Acting Forest Supervisor, Sumas; B. P. KIRKLAND, Forest Assistant. (6)
Washington (Wenatchee Div.)—D. B. SHELTER, Forest Supervisor, Wenatchee; F. B. KELLOG, Forest Assistant. (6)
Wenaha—J. M. SCHMITZ, Forest Supervisor, Walla Walla. (6)

WYOMING.

Big Horn—W. E. JACKSON, Forest Supervisor, Big Horn. (1)
Caribou—J. T. WEDEMEYER, Forest Supervisor, Idaho Falls, Idaho. (4)
Crow Creek—J. W. NELSON, Forest Supervisor, Saratoga; R. A. STRETCH and JOHN H. BRIDGES, Forest Assistants. (2)
Medicine Bow (Wyo. Div.)—J. W. NELSON, Forest Supervisor, Saratoga; R. A. STRETCH and JOHN H. BRIDGES, Forest Assistants. (2)
Sierra Madre—J. W. NELSON, Forest Supervisor, Saratoga; R. A. STRETCH and JOHN H. BRIDGES, Forest Assistants. (2)
Sundance—G. C. SMITH, Acting Forest Supervisor, Sundance, Wyo. (2)
Uinta—WILLARD I. PACK, Forest Supervisor, Provo, Utah; D. S. MARSHALL and WM. M. ANDERSON, Deputy Forest Supervisors. (4)
Yellowstone (Shoshone Div.)—JOHN H. RUFF, Acting Forest Supervisor, Cody; C. N. WHITNEY, Forest Assistant. (1)
Yellowstone (Teton Di .)—ROBT. E. MILLER, Forest Supervisor, Jackson. (4)
Yellowstone (Wind River Div.)—HENRY C. HALL, Acting Forest Supervisor, Pinedale. (4)

SERVICE CHANGES IN DECEMBER.

APPOINTED.

Products—

WOOD UTILIZATION: L. W. SARGENT, Laboratory Assistant in Wood Chemistry, H. E. SURFACE, Laboratory Assistant in Wood Chemistry, ELIOT M. MUNCEY, Laboratory helper, THEOPHILUS H. WOOD, Laboratory helper.
PUBLICATION—DON CARLOS ELLIS, Clerk-Examiner.

Silviculture—

MANAGEMENT: GEO. S. KEARNEY, Forest Agent.

Operation—

LANDS: C. A. McELROY, Expert Miner.

RESTORED TO THE ROLLS WITH PAY.

Products—

WOOD PRESERVATION: H. B. EASTMAN, Forest Assistant.

RESIGNED.

Silviculture—

MANAGEMENT: MAX PFAENDER, Forest Agent.

Operation—

LORUM PRATT, Deputy Forest Supervisor.

SEPARATED.

Operation—

LANDS: A. V. HOPPE, Expert Miner.

SERVICE NOTES FOR JANUARY.

LAW.

WILLIAM BINKLEY AND CHARLES PURDY WERE ARRESTED in Los Angeles, through the efforts of Supervisor Robert E. Miller, of the Teton Division of the Yellowstone, for unlawfully killing elk, and were bound over by the United States commissioner for trial before the United States court in the southern district of Idaho. At Pocatello they received a sentence of six months' imprisonment and \$200 fine. Later they were rearrested by the park authorities for a similar offense, and were tried at the park court. On September 12 they were sentenced to three months' imprisonment. In this latter case Mr. Miller was also a principal witness. On November 12 Charles Isobel and Oscar Adams, who had been associated with Binkley and Purdy, were indicted at Cheyenne for killing elk at the north end of Jacksons Hole and along the boundary of Yellowstone Park.

DENDROLOGY.

Field Photographs—

Field officers whose work requires that the development of negatives and printing of photographs be done in the field, are permitted to incur the expense necessary for this purpose. Such expenditures will be approved of by the Forester only in such cases as, in the judgment of the officer, the proper dispatch of official business demands that pictures be procured immediately. The officer incurring such expenses will be required in each instance to show that important results would have been lost had he waited to procure the pictures through the Washington photographic laboratory. When, in the judgment of the field officer, there is sufficient time in which to have the developing and printing done at the Washington laboratory, this course should always be followed.

BRANCH OF SILVICULTURE.

OFFICE OF MANAGEMENT.

Approximate Diameter Limits—

It is extremely important that purchasers of National Forest timber realize clearly that the diameter limits agreed upon are merely approximate. This should be called to the attention of purchasers, and the method of marking fully explained. In order to impress applicants still further with this fact, Clause 8 as now given in Form 202, pages 3 and 4, should be stricken out in all applications and contracts and the following clause substituted:

The approximate minimum diameter limits at a point $4\frac{1}{2}$ feet from the ground to which living trees are to be cut is _____ for _____ and _____ for _____, but trees above these diameters may be reserved for seed or protection, and merchantable trees below these diameters may be marked at the discretion of the Forest officer.

This is intended to show that the limits named are to serve only as a guide in marking. Owing to the varying needs of different species, and in most cases to the necessity for reducing the proportion of inferior species in the stand, it would be

impossible to use the same approximate limit for all. The diameter limits named in contracts must be varied wherever necessary in order to leave seed trees, to remove inferior trees, to reduce the proportion of inferior species, and, in general, to improve the silvicultural condition of the forest.

Removal of Timber—

The word "removal," as relating to the closing of timber cases, should be construed to mean the removal of the timber from the cutting area to such locations that its further removal will neither interfere with the administration of the Forest, nor require the attention of a Forest officer, nor interfere with any forest growth, whether on or off the cutting area. When possible, the point of removal should be to roads or other points where the material is immediately available for distribution to consumers. All timber to be considered removed should be so situated that further handling of it will not create a fire menace. This ruling applies especially to cordwood, shakes, lagging, etc. With saw timber, removal to the mill can usually be expected and required.

Bid Envelopes, Class B Sales—

A supply of salmon-colored bid envelopes for use in advertised Class B sales has been sent to the supervisors who have been authorized to make these sales. This color is used in order to distinguish the envelopes from those used in submitting bids to the Forester. In several instances bids in Class B sales have been sent to the Forester by mistake. Forest officers should be especially careful to see that the proper envelope is used, so that if bids in Class B sales are sent to Washington by mistake they may be promptly returned to the supervisor. Attention is called to the instructions in the October Field Program.

Special Use Permits—

Supervisors are now authorized to approve certain special use permits. (See "The Use Book," p. 44.) In cases, however, in which the amount of timber involved exceeds that which the supervisor is authorized to sell, the approval of the Forester is necessary.

The following timber settlement clause, modified to suit the existing conditions, should be placed in agreements involving the cutting or destruction of merchantable timber:

To pay to the Fiscal Agent, Forest Service, at Washington, D. C., in advance, as required by the Forest officer, for all live and dead timber, merchantable in the judgment of the Forest officer, to be cut, injured, or destroyed on the right of way according to the scale, estimate, or count of the Forest officers at the following rates:

and to dispose of all brush, refuse, and unused timber as may be required by the Forest officer.

In cases where the stumpage prices can not be definitely fixed at once, or where the cutting or construction will not begin for some time after the execution of the agreement, the part of the clause relating to stumpage rates should read:

At rates to be fixed by the supervisor [if agreement is to be approved by supervisor, or Forester if the approval of the Forester is required], which shall correspond to the prevailing stumpage rates charged in the _____ National Forest at the time construction or cutting begins.

The stumpage rates in all cases should be definitely determined before cutting or construction begins, and the Forester should be notified as soon as they have been fixed. In accordance with the agreement, payment should be required in advance of cutting or construction, in amounts specified by the supervisor.

If there is no opportunity to scale or measure the timber, payment should be made on the basis of a careful estimate. All timber cut should, if possible, be scaled and reported as in timber sales. If the wood is to be used, the same utilization as in a timber sale should be required, and, in case it is not to be used, measurement should be correspondingly close. When cutting is complete, a refund should be recommended if the deposits sufficiently exceed the value of the timber cut.

Forest Atlas Folios—

Forest officers are cautioned that the Forest Atlas Folios, which are being issued as rapidly as possible, are confidential records for the use of the Service only, and under no circumstances are to become the property of or be loaned to people outside of the Forest Service.

Although the first editions of folios will necessarily be subject to revision, they will be of greater value, both in the field and office, if they contain no errors which are known by the supervisors to exist upon the maps now in use.

Supervisors should report all errors in the maps of the Forests under their charge that may come to their notice, either in spelling, location, or wrong use of names, in order that the Forest Atlas Folios may be issued as nearly correct as possible. Please send data of this character to the Forester in a separate envelope, with the words "Forest Atlas" in the lower left hand corner. It is expected that with the active cooperation of the field men the data relating to each Forest will be quickly brought to a high state of excellence.

OFFICE OF SILVICS.

Annual Report—

The attention of Forest assistants is called to the fact that the annual silvical report for 1908 will be due next April. The present outline for this report is now being revised, and new copies will be supplied to each Forest assistant within the next month. Suggestions as to changes and additions are requested.

OFFICE OF EXTENSION.

Ranger Nurseries—

The general policy of establishing small nurseries at ranger stations has been abandoned. Plans for the establishment of these nurseries, or the maintenance of those already established should be held pending the receipt of instructions, which will be issued during January to each supervisor affected by this change in policy.

BRANCH OF GRAZING.

Sliding Scale Reductions—

When a reduction in the number of stock applied for is found necessary the Class C applications are first excluded, then the Class A applications are approved of in full, and such reduction as is found necessary is made from the Class B applications on a sliding scale which will fit the local conditions. This sliding scale should provide

for a larger proportionate reduction on the applications of regular users who are non-residents, or whose ranches are located at a distance from the Forest, than is made on the larger owners who reside and own ranch property in the vicinity of the Forest.

The Use of Private Land—

A very decided change takes place on January 1 in regard to the method of handling applications for crossing and grazing permits under the provisions of Regulation 58. Hereafter these applications will be acted upon by the supervisors, without being referred to the Forester for approval, whenever information regarding the title to the land has been furnished in the Atlas Folios, on alienated land maps, or by township plats which have been verified through the records of the General Land Office. It is of the greatest importance that the supervisors do not approve applications which are based upon land the title to which has not been verified by the Forester; that they keep an accurate check on the lands included in each application in order to prevent duplication; that they do not issue free grazing permits for a greater number of stock than could be grazed upon the private land when the exclusive right to its use is waived; and that they do not issue crossing permits for a larger number of stock than the unfenced land will support when the owner does not waive the right to its exclusive use. The only report required by the Forester is furnished by the duplicate permit, which should be sent to him immediately after its issuance.

Giving Notice when Stock Enter Forest—

It has been found that in many cases it was very inconvenient for stockmen fully to comply with Regulation 51 in reference to notifying the supervisor of the time when their stock would enter the Forest. Therefore, the first paragraph of this regulation has been amended to read as follows:

When an owner who has a permit is ready to drive in his stock he must notify the nearest Forest officer, by mail or otherwise, stating the number to be driven in.

This means that hereafter the stockmen, instead of notifying the supervisor, as heretofore, will notify the ranger or guard in charge of the district upon which the stock will graze. As no notice of the time when stock will leave the Forest is now required, it will be necessary for the Forest officers to see to it that stock are not kept in the Forest after the expiration of the permits.

BRANCH OF OPERATION.

OFFICE OF MAINTENANCE.

Mail at Christmas Time—

Owing to the great amount of mail handled at Christmas time, the Postmaster at Washington requested the different Departments to let their outgoing second-class mail be as light as possible between December 17 and 27. This request will, therefore, curtail the shipment of supplies and the mailing of publications by the Office of Maintenance.

Planimeters—

Supervisors who desire planimeters for use on their Forests should make requisition, and explain the need for the instruments.

OFFICE OF LANDS.

Mounted Maps for Field Officers—

In order to increase the serviceability of mounted maps used in field work, they will hereafter be mounted to fold, unless it is specifically stated that this is not desirable. Requisitions should state for what purpose the map is desired and whether it should be mounted or unmounted.

Field Notes—

Whenever it is necessary to submit a set of field notes of survey, with reports for listing, under the act of June 11, 1906, examiners should be careful to furnish the Washington office with at least five carbon copies of the field notes.

Administrative Sites—

Supervisors are urged to consider carefully the question of making additional recommendations for the withdrawal of administrative sites on their respective Forests. It may be assumed that at least one ranger station will be needed for every township. It is of course obvious that there are many townships within the National Forests in which there is no need for an administrative site, but, on the other hand, there are townships in which two or even more ranger stations will eventually be needed. Supervisors should consider this question carefully during the winter months and be prepared to have proposed ranger stations located just as soon as the field work can be begun in the spring and before the more pressing work of the summer begins.

Boundaries—

Since the General Land Office requires that, in requests for withdrawals, the areas included in the administrative sites which are described by metes and bounds shall be indicated, supervisors should, in recommending such withdrawals, indicate on the plats and field notes of survey the approximate areas included in all tracts which are described by metes and bounds.

OFFICE OF ORGANIZATION.

Designation of Forest Divisions—

In giving instructions in the December Field Program for the designation of divisions of National Forests a contradiction appears between the instructions and example given. The instructions state that the name of the division should be placed after the words "National Forest," whereas they should have stated "should be placed before the words 'National Forest,'" to correspond with the example given.

New National Forests—

During the past month the President signed proclamations making the following additions: Monticello National Forest, 101,398 acres; Aquarius National Forest, 87,159 acres. The Vegas National Forest was created on December 12, with an area of 195,840 acres, and the proclamation creating the Arkansas National Forest, with an area of 1,073,955 acres, was signed on December 18. The Arkansas has the distinction of being farther east than any other National Forest. A proclamation adding about 67,425 acres to the San Gabriel National Forest, Cal., was signed December 23. These creations make the total area of National Forests 162,578,358 acres.

U. S. Department of Agriculture

Issued January 31, 1908.

United States Department of Agriculture,
FOREST SERVICE.

GIFFORD PINCHOT, Forester.

FIELD PROGRAM FOR FEBRUARY, 1908.

This program of field work and assignments in the Forest Service is issued monthly. The names of members whose assignments are not yet fixed, and reference to projects for which plans have not been matured, are necessarily omitted.

It is requested that the members of the Forest Service cooperate in making this program complete and accurate. Information concerning errors or omissions, and changes of project or of address for the following month, should be sent by members to the offices of their respective chiefs not later than the 20th of the month.

Unless the address of a member is given in this program or is definitely known, he should be addressed in care of the Forest Service, Washington, D. C.

OFFICE OF THE FORESTER.

GIFFORD PINCHOT, Forester.

OVERTON W. PRICE, Associate Forester.

HARRY L. HILL, Secretary to the Forester.

P. P. WELLS, Law Officer.

A. C. SHAW,
GEORGE F. POLLOCK, } Principal Examiners.

HERBERT A. SMITH, Editor.

GEORGE B. SUDWORTH, Dendrologist.

INSPECTION.

FORESTER AND ASSOCIATE FORESTER.

Inspection District 1.—Montana, Northern Idaho, and Northern Wyoming.

E. A. SHERMAN, Chief Inspector, Missoula, Mont.

Inspectors: P. G. REDINGTON and R. Y. STUART, both at Missoula, Mont.

Inspection District 2.—Colorado, Southern Wyoming, South Dakota, Nebraska, Kansas, Southeastern Montana, and Southeastern Utah.

SMITH RILEY, Chief Inspector, Denver, Colo.

Inspectors: R. P. IMES, S. L. MOORE, and F. W. MORRELL, all at Denver, Colo.; T. D. WOODBURY, Washington, D. C.

Inspection District 3.—Arizona, New Mexico, and Oklahoma.

D. D. BRONSON, Chief Inspector, Albuquerque, N. Mex.

Inspectors: T. S. WOOLSEY, Jr., W. R. MATTOON, and A. O. WAHA, all at Albuquerque, N. Mex.

Inspection District 4.—Utah, Southern Idaho, Western Wyoming, Eastern Nevada, and Northern Arizona.

R. E. BENEDICT, Chief Inspector, Salt Lake City, Utah.

Inspectors: F. W. REED and J. M. FETHEROLF, both at Washington, D. C.; L. L. WHITE and W. C. CLOS, both at Salt Lake City, Utah.

Inspection District 5.—California and Western Nevada.

F. E. OLMS TED, Chief Inspector, San Francisco, Cal.

Inspectors: COERT DU BOIS, J. H. HATTON, WM. C. HODGE, Jr., G. W. PEAVY, S. J. FLINTHAM, and J. K. CAMPBELL, all at San Francisco, Cal.

Inspection District 6.—Washington, Oregon, and Alaska.

E. T. ALLEN, Chief Inspector, Portland, Oreg.

Inspectors: W. H. B. KENT, Washington, D. C.; M. L. ERICKSON and F. E. AMES, both at Portland, Oreg.

White Mountain and Appalachian Investigation: WM. L. HALL, *Assistant Forester* in Charge; assistant, A. K. CHITTENDEN.

E. S. BRUCE, *Expert Lumberman and Special Inspector*, in the Office of the Forester.

BRANCH OF SILVICULTURE.

WILLIAM T. COX, Assistant Forester, in Charge.

OFFICE OF MANAGEMENT.

E. E. CARTER, Chief.

W. G. WEIGLE, Assistant Chief.

Timber Sales, E. H. CLAPP, Chief.

G. M. HOMANS, Assistant Chief.

TIMBER SALE CORRESPONDENCE.

District 1—J. E. BARTON.

District 2—J. H. ALLISON.

District 3—J. E. KEACH (detailed from Organization).

District 4—C. E. DUNSTON.

Districts 5 and 6—D. C. A. GALARNEAU.

Trespass—FRED LEES.

Preparation of General Rules for Marking—A. B. RECKNAGEL.

TEMPORARY ASSIGNMENTS.

(Under the direction of supervisors.)

J. S. BAIRD, Lumberman, Cass Lake, Minn.
 J. ST. J. BENEDICT, Forest Assistant, Townsend, Mont.
 M. BURNS, Lumberman, Cass Lake, Minn.
 W. D. CLARK, Forest Agent, Clearwater, Mont.
 GEO. L. COTT, Lumberman, Keystone, Wyo.
 W. G. DURBIN, Forest Agent, Quincy, Cal.
 GEO. P. GREGG, Lumberman, Keystone, Wyo.
 P. T. HARRIS, Forest Assistant, Helena, Mont.
 J. P. HUGHES, Portland, Oreg.
 C. S. JUDD, Forest Assistant, Quincy, Cal.
 G. S. KEARNEY, Forest Agent, Townsend, Mont.
 W. E. LA FOUNTAIN, Lumberman, Kalispell, Mont.
 R. M. McMURRY, Forest Assistant, Kalispell, Mont.
 D. T. MASON, Forest Assistant, Durango, Colo.
 W. R. MCKINNON, Lumberman, Cass Lake, Minn.
 L. S. MURPHY, Forest Assistant, Livingston, Mont.
 A. J. NORTON, Lumberman, Kalispell, Mont.
 W. B. PIPER, Bozeman, Mont.
 J. F. PRESTON, Forest Assistant, Neihart, Mont.
 G. E. SAWYER, Forest Agent, Livingston, Mont.
 F. TOMPKINS, Forest Agent, Kalispell, Mont.
 J. D. WARNER, Forest Assistant, Wallace, Idaho.

Reconnaissance, A. B. RECKNAGEL, Acting.
R. G. POND, Assistant.

Washington—

Working plan for Chelan Basin—MAX ROTHKUGEL, Washington, D. C.

Cooperation, J. G. PETERS, Acting.

PROJECTS.

California—

Estimate for Hoopa Valley Indian Reservation, in cooperation with the Office of Indian Affairs—I. F. ELDREDGE, W. T. ANDREWS, and N. B. ECKBO, all at Eureka, Cal.

Eastern States—

Timberland examinations—W. D. STERRETT and WESLEY BRADFIELD, Washington, D. C.

Mississippi—

Study of forest conditions, in cooperation with the State Geological Survey—J. S. HOLMES, GEO. L. CLOTHIER, and J. H. FOSTER, Jackson.

Montana—

Preparation of report on forest conditions, in cooperation with the Northern Pacific Railway Company—KARL W. WOODWARD, Washington, D. C.

Maine—

Forest conditions—AUSTIN CARY, Brunswick.

New Mexico—

Supervision of cutting, Fort Wingate Military Reservation, in cooperation with the War Department—NELSON LE GRAND, Guam, N. Mex.

Wisconsin—

Working plans for timber sales on Indian reservations, in cooperation with the State and U. S. Indian Office—E. M. GRIFFITH, State Forester, Madison; assistant, J. A. HOWARTH, Jr., Ashland.

Forest Atlas, F. G. PLUMMER, Washington, D. C.

OFFICE OF SILVICS.

RAPHAEL ZON, Chief.

Field Studies, RAPHAEL ZON.

PROJECTS.

Colorado—

Location and estimate of timber infested by the Black Hills beetle, the Engelmann spruce beetle, the Douglas fir beetle, etc., in Colorado National Forests, and investigation of the facilities for barking the standing timber or disposing of it, in cooperation with the Bureau of Entomology (forest insect investigations, A. D. Hopkins, in charge)—W. D. EDMONSTON, care JOHN EDGE, Burns, Colo.

Eastern States—

Study of second growth yellow poplar—W. W. ASHE, Washington, D. C.

Study of the hickories—A. T. BOISEN; assistant, C. G. BATES. Washington, D. C.

New England—

Study of the white pine disease, its extent, amount of damage caused, and practical measures for preventing its spread, in cooperation with the Division of Forest Pathology, Bureau of Plant Industry—S. T. DANA, Washington, D. C.

Northeastern States—

Study of the birches—S. T. DANA, Washington, D. C.

Rocky Mountain States—

Study of Douglas fir, with special reference to its growth, volume, and reproduction—E. H. FROTHINGHAM, Washington, D. C.

Library, H. E. STOCKBRIDGE.

Compilation, E. H. FROTHINGHAM.

OFFICE OF EXTENSION.

SAMUEL N. SPRING, Chief.

Planting, L. C. MILLER.

PROJECTS.

Preparation and revision of plans for planting stations—J. F. KÜMMEL, Washington, D. C.

Compilation of data from planting station reports—G. B. MACDONALD, Washington, D. C.

Reconnaissance, W. H. von BAYER.

PROJECT.

Study of forest planting of cottonwood on bottomlands in the lower Mississippi Valley—L. CROWELL, Memphis, Tenn.

Cooperation, A. S. PECK.

Correspondence—Advice on private forest planting—C. A. KUPFER.

PROJECTS.

Preparation of planting plans for landowners, and examination of nurseries and plantations in the Southern States—A. S. PECK, Washington, D. C.

Compilation of data on private forest planting—W. M. MOORE, Washington, D. C.

BRANCH OF GRAZING.

A. F. POTTER, Assistant Forester, in Charge.

OFFICE OF CONTROL.

L. F. KNEIPP, Chief (in the Field).

WILL C. BARNES, Acting Chief.

Allotment, WILL C. BARNES.

Adjustment, E. N. KAVANAGH, Acting.

Permits, Miss ANNA P. KOSCHWITZ.

OFFICE OF DEVELOPMENT.

C. H. ADAMS, Acting Chief.

Fences, C. H. ADAMS.

Forage, W. C. CLOS (in the Field).

Water, J. K. CAMPBELL (in the Field).

HENRY A. BERGH, Acting.

PROJECTS.

Forage investigations; compilation of data—F. V. COVILLE, Botanist, Bureau of Plant Industry, in charge, Washington, D. C.; JAMES T. JARDINE, Expert; ARTHUR T. SAMPSON, Expert; G. A. PEARSON, Forest Assistant, all at Washington, D. C.

Poisonous plant investigations—Prof. C. D. MARSH, Expert, Bureau of Plant Industry, in charge, Hugo, Colo.; IVAR TIDESTROM, Scientific Assistant, Washington, D. C.

BRANCH OF PRODUCTS.

WM. L. HALL, Assistant Forester, in Charge.

OFFICE OF WOOD UTILIZATION.

R. S. KELLOGG, Chief.

McGARVEY CLINE, Assistant Chief.

Computing, E. A. ZIEGLER.

Drafting, C. A. KOLB.

Wood Chemistry, H. S. BRISTOL.

Wood Uses, J. B. KNAPP, Acting.

PROJECTS.

Arizona—

Selection of samples for tests to determine the relative fuel value of different National Forest woods—H. S. BETTS.

California—

Tests of the strength of eucalyptus, redwood, and tanbark oak, in cooperation with the University of California and the Northwestern Redwood Company—L. E. HUNT, Berkeley; assistant, G. R. GESSERT.

Connecticut—

Timber tests, with special reference to the influence of method of drying on the strength of timber, in cooperation with Yale University—H. D. TIEMANN, Yale Station, New Haven; assistant, CORNELIUS BARRY.

Florida—

Turpentine orcharding experiments—P. D. EDMUNDS, Green Cove Springs.

Indiana—

Tests of structural timbers and a number of species of hickory, in cooperation with Purdue University—W. K. HATT, Lafayette; assistants, J. A. NEWLIN and J. O. BIXBY.

Washington—

Tests of western hemlock and National Forest woods, in cooperation with the University of Washington; also selection of Douglas fir stringers for treated-timber tests—O. P. M. GOSS, University Station, Seattle; assistant, A. L. HEIM.

General Studies—

Washington office, timber tests—ROLF THELEN, in charge; assistants, T. W. VENEMANN and H. E. MCKENZIE.

Design of impact testing machine—ROLF THELEN, Washington, D. C.

Properties and utilization of Douglas fir—J. B. KNAPP, Washington, D. C.

Collection of statistics of forest products, in cooperation with the Bureau of the Census—A. H. PIERSON, Washington, D. C.; GEORGE K. SMITH, Lumbermen's Building, St. Louis, Mo.

Study of commercial processes of wood distillation—L. F. HAWLEY, Washington, D. C.

Study of chemical problems in wood utilization—ERNEST BATEMAN and E. SUTERMEISTER, Washington, D. C.; A. L. DEAN, 93 Broad street, Boston, Mass., and W. C. GEER, Akron, Ohio.

Studies in the heat conductivity of wood—FREDERICK DUNLAP, Washington, D. C.

Study of National Forest woods—H. B. HOLROYD, Washington, D. C.

Study of the uses of western hardwoods—H. S. SACKETT, Washington, D. C.

OFFICE OF WOOD PRESERVATION.

CARL G. CRAWFORD, Chief.

PROJECTS.**Alabama—**

Preservative treatment of fence posts and other farm timbers, in cooperation with the State Agricultural Experiment Stations—C. L. HILL, Auburn.

California—

Experiments in seasoning and treating telephone and other poles for electric wires, in cooperation with electric companies in southern California—W. R. WHEATON, Hotel Westmore, Los Angeles; assistants, O. T. SWAN, Hotel Sequoia, Fresno, and W. H. KEMPFER, 212 South Grand avenue, Los Angeles.

Connecticut—

Experiments to ascertain the effects of live steam and vacuum as ordinarily used at commercial treating plants on the moisture content and absorptive qualities of different kinds of wood—C. STOWELL SMITH, Yale Forest School, New Haven.

Louisiana—

Preservative treatment of fence posts and other farm timbers, in cooperation with the State Agricultural Experiment Stations—H. B. EASTMAN, Calhoun.

Pennsylvania—

Experiments in treating mine timbers, in cooperation with the Philadelphia and Reading Coal and Iron Company—JOHN M. NELSON, Jr., care Philadelphia and Reading Coal and Iron Company, Pottsville.

General Studies—

Correlation of data on the preservative treatment of American and foreign woods—M. C. JENSEN, Washington, D. C.

Preparation of plans for future work—H. F. WEISS, Washington, D. C.

Preparation of report on the laying of the test track, in cooperation with the Chicago and North Western Railway Company—H. A. PAUL, Washington, D. C.

OFFICE OF PUBLICATION.

FINDLEY BURNS, Chief.

Education, T. CLEVELAND, Jr.
Review, FINDLEY BURNS.

Printing, QUINCY R. CRAFT.
Distribution, BRISTOW ADAMS.

PUBLICATIONS IN JANUARY.

Circular 132. The Seasoning and Preservative Treatment of Hemlock and Tamarack Cross-Ties.

Circular 133. Production of Veneer in 1906.

Circular 134. Estimation of Moisture in Creosoted Wood.

Circular 135. Chestnut Oak in the Southern Appalachians.

Circular 136. Seasoning and Preservative Treatment of Arborvitæ Poles.

Circular 137. Consumption of Poles in 1906.

Circular 128. Preservation of Piling Against Marine Wood Borers.

BRANCH OF OPERATION.

JAMES B. ADAMS, Assistant Forester, in Charge.

CHAS. S. CHAPMAN, Assistant Forester.

GEO. G. ANDERSON, Assistant in Office Methods.

OFFICE OF ACCOUNTS.

GEORGE E. KING, Fiscal Agent and Chief.

Disbursing, E. A. MELZAR.

Bookkeeping, O. H. TIBBOTT.

Appointments, Miss FLORENCE D. STRAUSE.

Receipts, Miss MARY R. LATIMER.

OFFICE OF MAINTENANCE.

R. K. HELPHENSTINE, Jr., Chief.

Purchase, H. C. TOWERS.

Record, R. K. HELPHENSTINE, Jr.

Supplies, A. M. SMITH.

Photography, A. G. VARELA.

Property Auditor, J. G. FALCK.

OFFICE OF LANDS.

A. C. RINGLAND, Chief.

Special Uses, M. J. McVEAN (in the Field).

C. H. SQUIRE, Acting.

Claims, F. L. HARVEY.

Settlement, P. D. KELLETER, Acting.

Status, J. B. SATTERLEE.

Boundaries, H. O. STABLER.

OFFICE OF ENGINEERING.

W. E. HERRING, Chief (in the Field).

F. C. WALES, Acting Chief.

OFFICE OF ORGANIZATION.

CLYDE LEAVITT, Chief (in the Field).

GEO. H. CECIL, Acting Chief.

H. W. THURSTON, Forest Supervisor, District 1.

F. C. SPENCER, Forest Supervisor, District 2.

C. H. HINDERER, Forest Supervisor, District 3.

J. B. LAFFERTY, Forest Supervisor, District 4.

L. A. BARRETT, Forest Supervisor, District 5.

G. F. ALLEN, Forest Supervisor, District 6.

M. B. PRATT, Forest Assistant (Special Detail).

NATIONAL FORESTS.

(Numerals following National Forests indicate Inspection Districts.)

ALASKA.

- Afognak**—W. A. LANGILLE, Forest Supervisor, Ketchikan. (6)
Alexander Archipelago—W. A. LANGILLE, Forest Supervisor, Ketchikan. (6)
Chugach—W. A. LANGILLE, Forest Supervisor, Ketchikan; HOWARD M. CONRAD, Deputy Forest Supervisor. (6)
Tongass—W. A. LANGILLE, Forest Supervisor, Ketchikan. (6)

ARIZONA.

- Baboquivari**—ROSCOE G. WILLSON, Forest Supervisor, Nogales. (3)
Black Mesa (N.)—ALEX. J. MAC KAY, Acting Supervisor, Show Low. (3)
Black Mesa (S.)—DRAYTON C. MARTIN, Acting Forest Supervisor, Springer-ville. (3)
Chiricahua—C. T. McGLONE, Forest Supervisor, Douglas; H. D. BURRALL, Forest Assistant. (3)
Dragoon—ROBERT J. SELKIRK, Forest Supervisor, Benson. (3)
Grand Canyon (N.)—JOHN H. CLARK, Acting Forest Supervisor, Kanab, Utah. (4)
Grand Canyon (S)—F. S. BREEN, Forest Supervisor, Flagstaff. (3)
Huachuca—ROSCOE G. WILLSON, Forest Supervisor, Nogales. (3)
Mount Graham—THEODORE T. SWIFT, Acting Forest Supervisor, Safford. (3)
Pinal Mountains—THEODORE T. SWIFT, Acting Forest Supervisor, Safford. (3)
Prescott—F. C. W. POOLER, Forest Supervisor, Prescott; A. H. ZACHAU, Deputy Forest Supervisor. (3)
San Francisco Mountains—F. S. BREEN, Forest Supervisor, Flagstaff; WIL-LARD M. DRAKE, Forest Assistant. (3)
Santa Catalina—ROBERT J. SELKIRK, Forest Supervisor, Benson. (3)
Santa Rita—ROBERT J. SELKIRK, Forest Supervisor, Benson. (3)
Tonto—W. H. REED, Forest Supervisor, Roosevelt. (3)
Tumacacori—ROSCOE G. WILLSON, Forest Supervisor, Nogales. (3)
Verde—F. C. W. POOLER, Forest Supervisor, Prescott; A. H. ZACHAU, Deputy Forest Supervisor. (3)

ARKANSAS.

- Arkansas**—S. J. RECORD, Forest Supervisor, Fort Smith; J. E. KEACH, Forest Assistant. (3)

CALIFORNIA.

- Diamond Mountain**—L. A. H. KLING, Acting Forest Supervisor, Quincy. (5)
Inyo—A. H. HOGUE, Forest Supervisor, Bishop; D. N. ROGERS, Forest Assistant. (5)
Klamath—C. J. BUCK, Acting Forest Supervisor, Yreka. (5)
Lassen Peak—L. A. H. KLING, Acting Forest Supervisor, Quincy. (5)
Modoc—C. E. RACHFORD, Forest Supervisor, Alturas. (5)
Monterey—N. O. TORSTENSON, Forest Supervisor, Salinas. (5)
Pinnacles—N. O. TORSTENSON, Forest Supervisor, Salinas. (5)
Plumas—L. A. H. KLING, Acting Forest Supervisor, Quincy. (5)
San Benito—N. O. TORSTENSON, Forest Supervisor, Salinas. (5)
San Bernardino—R. H. CHARLTON, Forest Supervisor, Los Angeles. (5)
San Gabriel—R. H. CHARLTON, Forest Supervisor, Los Angeles; Pasadena Planting Station—E. C. CLIFFORD, Pasadena; SEROPE Y. PARNAY, Forest Expert. (5)
San Jacinto—H. A. E. MARSHALL, Forest Supervisor, Hemet; ARTHUR W. BARTLETT, Deputy Forest Supervisor. (5)
San Luis Obispo—E. S. MAINWARING, Forest Supervisor, San Luis Obispo. (5)
Santa Barbara—WILLIS M. SLOSSON, Forest Supervisor, Santa Barbara; H. G. MERRILL, Deputy Forest Supervisor; San Marcos Planting Station—B. R. H. D'ALLEMAND; Assistant, H. C. MUZZALL, Santa Barbara. (5)
Shasta—W. B. RIDER, Acting Forest Supervisor, Sisson. (5)
Sierra (E.)—A. H. HOGUE, Forest Supervisor, Bishop; D. N. ROGERS, Forest Assistant. (5)

- Sierra (N.)**—CHARLES H. SHINN, Forest Supervisor, Northfork; H. J. TOMPKINS, Forest Assistant. (5)
Sierra (S.)—W. C. BURTON, Acting Forest Supervisor, Hot Springs; W. M. MAULE, Forest Assistant. (5)
Stanislaus—STUART J. FLINTHAM, Acting Forest Supervisor, Sonora. (5)
Stony Creek—ERNEST BRITTEN, Forest Supervisor, Elk Creek. (5)
Tahoe—MADISON B. ELLIOTT, Forest Supervisor, Nevada City. (5)
Trabuco Canyon—H. A. E. MARSHALL, Forest Supervisor, Hemet; ARTHUR W. BARTLETT, Deputy Forest Supervisor. (5)
Trinity—F. H. HAFLEY, Forest Supervisor, Weaverville. (5)
Warner Mountains—C. E. RACHFORD, Forest Supervisor, Alturas. (5)

COLORADO.

- Battlement Mesa**—DAVID ANDERSON, Forest Supervisor, Collbran. (2)
Cochetopa—EUGENE WILLIAMS, Forest Supervisor, Saguache. (2)
Fruita—H. K. PORTER, Forest Supervisor, Delta; J. H. RAMSKILL, Forest Assistant. (2)
Gunnison—WM. R. KREUTZER, Forest Supervisor, Gunnison; E. C. BERKY, Deputy Forest Supervisor. (2)
Holy Cross—HARRY H. FRENCH, Forest Supervisor, Glenwood Springs; SWIFT BERRY, Forest Assistant. (2)
La Sal—ORRIN C. SNOW, Forest Supervisor, Moab, Utah. (2)
Las Animas—D. E. FITTON, Forest Supervisor, La Veta. (2)
Leadville—A. L. STROUP—Forest Supervisor, Leadville; J. F. BRUINS, Forest Assistant. (2)
Medicine Bow (Colo. Div.)—HERBERT N. WHEELER, Forest Supervisor, Estes Park. (2)
Montezuma—ERNEST W. SHAW, Forest Supervisor, Durango; C. M. GRANGER, Forest Assistant. (2)
Ouray—H. K. PORTER, Forest Supervisor, Delta; J. H. RAMSKILL, Forest Assistant. (2)
Park Range—THOMAS HOGAN, Forest Supervisor, Steamboat Springs. (2)
Pikes Peak—THOS. H. SHERRARD, Forest Supervisor, Denver; C. W. FITZGERALD, Deputy Forest Supervisor; W. J. MORRILL, Forest Assistant. (2)
San Isabel—C. J. STAHL, Forest Supervisor, West Cliffe. (2)
San Juan—A. A. PARKER, Acting Forest Supervisor, Monte Vista; P. T. COOLIDGE, Forest Assistaunt. (2)
Uncompahgre—H. K. PORTER, Forest Supervisor, Delta; J. H. RAMSKILL, Forest Assistant. (2)
Wet Mountains—C. J. STAHL, Forest Supervisor, West Cliffe. (2)
White River—JAMES A. BLAIR, Forest Supervisor, Meeker. (2)

IDAHO.

- Bear River**—MARK G. WOODRUFF, Forest Supervisor, Logan, Utah; J. F. SQUIRES, Deputy Forest Supervisor. (4)
Big Hole (S.)—J. B. SEELY, Forest Supervisor, Sheridan, Mont. (1)
Bitter Root—F. A. FENN, Forest Supervisor, Kooskia. (1)
Cabinet (N.)—D. G. KINNEY, Forest Supervisor, Libby, Mont. (1)
Caribou—J. T. WEDEMEYER, Forest Supervisor, Idaho Falls. (4)
Cassia—WM. MCCOY, Acting Forest Supervisor, Pocatello. (4)
Coeur d'Alene—RICHARD H. RUTLEDGE, Forest Supervisor, Wallace; DORR SKEALS, Forest Assistant. (1)
Henry's Lake—HOMER E. FENN, Forest Supervisor, St. Anthony; A. D. READ, Forest Assistant. (4)
Kootenai—D. G. KINNEY, Forest Supervisor, Libby, Mont. (1)
Lemhi—C. L. SMITH, Acting Forest Supervisor, Mackay. (4)
Palouse—RICHARD H. RUTLEDGE, Forest Supervisor, Wallace. (1)
Payette—GUY B. MAINS, Forest Supervisor, Meadows. (4)
Pocatello—P. T. WRENSTED, Forest Supervisor, Pocatello. (4)
Port Neuf—P. T. WRENSTED, Forest Supervisor, Pocatello. (4)
Priest River—R. L. FROMME, Forest Supervisor, Newport, Wash. (1)
Raft River—WM. MCCOY, Acting Forest Supervisor, Pocatello. (4)
Salmon River—GEORGE G. BENTZ, Forest Supervisor, Salmon City. (4)
Sawtooth (E.)—C. N. WOODS, Forest Supervisor, Hailey; H. G. MCPHETERS, Deputy Forest Supervisor. (4)

- Sawtooth (W.)**—EMIL GRANDJEAN, Forest Supervisor, Boise; O. M. BUTLER, Forest Assistant. (4)
- Weiser**—WALTER M. CAMPBELL, Acting Forest Supervisor, Weiser; C. G. SMITH, Forest Assistant. (4)
- Yellowstone (Idaho Div.)**—HOMER E. FENN, Forest Supervisor, St. Anthony; A. D. READ, Forest Assistant. (4)

KANSAS.

- Garden City**—JOHN G. LORD, Acting Forest Supervisor, Halsey, Nebr. (2)

MINNESOTA.

- Minnesota**—G. E. MARSHALL, Forest Supervisor, Cass Lake. (2)

MONTANA.

- Big Belt**—D. W. MARYOTT, Acting Forest Supervisor, Townsend. (1)
- Big Hole (Anaconda Div.)**—CHARLES C. HALL, Forest Supervisor, Anaconda; P. S. LOVEJOY, Forest Assistant. (1)
- Big Hole (N.)**—C. K. WYMAN, Forest Supervisor, Dillon; ROBT. J. MOORE, Deputy Forest Supervisor. (1)
- Big Hole (S.)**—J. B. SEELEY, Forest Supervisor, Sheridan. (1)
- Bitter Root (Montana Div.)**—ELERS KOCH, Forest Supervisor, Missoula; W. W. WHITE, Deputy Forest Supervisor; K. R. MACGUFFEY, Forest Assistant. (1)
- Cabinet (N.)**—D. G. KINNEY, Forest Supervisor, Libby. (1)
- Cabinet (S.)**—ROY HEADLEY, Forest Supervisor, Thompson Falls. (1)
- Crazy Mountains**—E. C. RUSSELL, Forest Supervisor, Livingston. (1)
- Ekalaka**—C. A. BALLINGER, Acting Forest Supervisor, Camp Cook, S. Dak. (2)
- Elkhorn**—D. W. MARYOTT, Acting Forest Supervisor, Townsend. (1)
- Gallatin**—DAVID CONKLING, Forest Supervisor, Bozeman. (1)
- Helena**—DWIGHT BUSHNELL, Forest Supervisor, Helena; M. N. STICKNEY, Forest Assistant. (1)
- Hell Gate (E.)**—CHARLES C. HALL, Forest Supervisor, Anaconda; P. S. LOVEJOY, Forest Assistant. (1)
- Hell Gate (W.)**—ELERS KOCH, Forest Supervisor, Missoula; W. W. WHITE, Deputy Forest Supervisor; K. R. MACGUFFEY, Forest Assistant. (1)
- Highwood Mountains**—JAMES G. THAIN, Forest Supervisor, Highwood. (1)
- Kootenai**—D. G. KINNEY, Forest Supervisor, Libby. (1)
- Lewis and Clark (N.)**—F. N. HAINES, Forest Supervisor; WM. H. DAUGS, Deputy Forest Supervisor, Kalispell. (1)
- Lewis and Clark (S.)**—PAGE S. BUNKER, Forest Supervisor; CHAS. E. SCHOONOVER, Deputy Forest Supervisor, Kalispell. (1)
- Little Belt**—R. W. STUART, Forest Supervisor, Great Falls. (1)
- Little Rockies**—JAMES G. THAIN, Forest Supervisor, Highwood. (1)
- Lolo**—ELERS KOCH, Forest Supervisor, Missoula; W. W. WHITE, Deputy Forest Supervisor; K. R. MACGUFFEY, Forest Assistant. (1)
- Long Pine**—C. A. BALLINGER, Acting Forest Supervisor, Camp Crook, S. Dak. (2)
- Madison**—J. B. SEELEY, Forest Supervisor, Sheridan. (1)
- Missoula**—ELERS KOCH, Forest Supervisor, Missoula; W. W. WHITE, Deputy Forest Supervisor; K. R. MACGUFFEY, Forest Assistant. (1)
- Otter**—A. C. McCAIN, Forest Supervisor, Ashland. (1)
- Pryor Mountains**—JOHN H. RUFF, Acting Forest Supervisor; V. GIFFORD LANTRY, Jr., Deputy Forest Supervisor, Cody, Wyo. (1)
- Snowy Mountains**—R. W. STUART, Forest Supervisor, Great Falls. (1)
- Yellowstone (Absaroka Div.)**—E. C. RUSSELL, Forest Supervisor, Livingston. (1)

NEBRASKA.

- Dismal River**—JOHN G. LORD, Acting Forest Supervisor, Halsey. Halsey Planting Station—W. H. MAST. (2)
- Niobrara**—JOHN G. LORD, Acting Forest Supervisor, Halsey. (2)
- North Platte**—JOHN G. LORD, Acting Forest Supervisor, Halsey. (2)

NEVADA.

Charleston—HARRY E. MATHEWS, Acting Forest Supervisor, Las Vegas. (4)
Independence—C. SYDNEY TREMEWAN, Acting Forest Supervisor, Elko. (4)
Monitor—DAVID BARNETT, Acting Forest Supervisor, Austin. (4)
Ruby Mountains—C. SYDNEY TREMEWAN, Acting Forest Supervisor, Elko. (4)
Tahoe—M. B. ELLIOTT, Forest Supervisor, Nevada City, Cal. (5)
Toiyabe—DAVID BARNETT, Acting Forest Supervisor, Austin. (4)
Toquima—DAVID BARNETT, Acting Forest Supervisor, Austin. (4)
Vegas—HARRY E. MATHEWS, Acting Forest Supervisor, Las Vegas. (4)

NEW MEXICO.

Big Burros—W. H. GODDARD, Acting Forest Supervisor, Silver City. (3)
Gallinas—J. H. KINNEY, Forest Supervisor, Capitan. (3)
Gila (N.)—JOHN KERR, Forest Supervisor, Magdalena; R. F. BALTHIS, Forest Assistant. (3)
Gila (S.)—W. H. GODDARD, Acting Forest Supervisor, Silver City. Fort Bayard Planting Station—W. B. HADLEY, Forest Assistant, Fort Bayard. (3)
Guadalupe—ARTHUR M. NEAL, Acting Forest Supervisor, Alamogordo; L. L. JANES, Forest Assistant. (3)
Jemez—Ross McMILLAN, Forest Supervisor, Santa Fe; THOS. R. STEWART, Deputy Forest Supervisor; ELWOOD I. TERRY, Forest Assistant. (3)
Lincoln—J. H. KINNEY, Forest Supervisor, Capitan. Fort Stanton Planting Station—H. C. TURNER, Fort Stanton. (3)
Magdalena—JOHN KERR, Forest Supervisor, Magdalena; R. F. BALTHIS, Forest Assistant. (3)
Manzano—HUGH H. HARRIS, Forest Supervisor, Albuquerque. (3)
Mount Taylor—HUGH H. HARRIS, Forest Supervisor, Albuquerque. (3)
Pecos River—Ross McMILLAN, Forest Supervisor, Santa Fe; THOS. R. STEWART, Deputy Forest Supervisor; ELWOOD I. TERRY, Forest Assistant. Las Gallinas Planting Station—W. D. HAYES, East Las Vegas. (3)
Peloncillo—C. T. McGLONE, Forest Supervisor, Douglas, Ariz.; H. D. BURRALL, Forest Assistant. (3)
Sacramento—ARTHUR M. NEAL, Acting Forest Supervisor, Alamogordo; L. L. JANES, Forest Assistant. (3)
San Mateo—JOHN KERR, Forest Supervisor, Magdalena; R. F. BALTHIS, Forest Assistant. (3)
Taos—Ross McMILLAN, Forest Supervisor, Santa Fe; THOS. R. STEWART, Deputy Forest Supervisor; ELWOOD I. TERRY, Forest Assistant. (3)

OKLAHOMA.

Wichita—FRANK RUSH, Acting Forest Supervisor, Cache. (3)

OREGON.

Ashland—M. J. ANDERSON, Forest Supervisor, Grants Pass; HUGH M. GUTHRIE, Deputy Forest Supervisor; N. F. MACDUFF, First Assistant. (6)
Blue Mountains (E.)—HENRY IRELAND, Forest Supervisor, Sumpter. (6)
Blue Mountains (Malheur)—CY. J. BINGHAM, Acting Forest Supervisor, John Day. (6)
Blue Mountains (W.)—A. S. IRELAND, Forest Supervisor, Prineville. (6)
Bull Run—R. B. WILSON, Forest Supervisor, Portland. (6)
Cascade (N.)—R. B. WILSON, Forest Supervisor, Portland. (6)
Cascade (S.)—S. C. BARTRUM, Forest Supervisor, Roseburg. (6)
Coquille—M. J. ANDERSON, Forest Supervisor, Grants Pass; HUGH M. GUTHRIE, Deputy Forest Supervisor; N. F. MACDUFF, Forest Assistant. (6)
Fremont—GUY M. INGRAM, Forest Supervisor, Lakeview; G. D. BROWN, Deputy Forest Supervisor. (6)
Goose Lake—GUY M. INGRAM, Forest Supervisor, Lakeview; G. D. BROWN, Deputy Forest Supervisor. (6)
Heppner—THOMAS E. CHIDSEY, Forest Supervisor, Heppner. (6)
Imnaha—HOWARD K. O'BRIEN, Forest Supervisor, Wallowa; HARVEY W. HABRIS, Deputy Forest Supervisor. (6)

- Siskiyou**—M. J. ANDERSON, Forest Supervisor, Grants Pass; HUGH M. GUTHRIE, Deputy Forest Supervisor; N. F. MACDUFF, Forest Assistant. (6)
Tillamook—C. R. SEITZ, Forest Supervisor, Eugene. (6)
Umpqua—C. R. SEITZ, Forest Supervisor, Eugene. (6)
Wenaha—J. M. SCHMITZ, Forest Supervisor, Walla Walla, Wash; H. D. FOSTER, Forest Assistant. (6)

SOUTH DAKOTA.

- Black Hills**—E. M. HAMILTON, Acting Forest Supervisor, Deadwood; ARTHUR E. LYNN, Deputy Forest Supervisor; H. C. NEEL and JOHN MURDOCK, Jr., Forest Assistants. (2)
Cave Hills—C. A. BALLINGER, Acting Forest Supervisor, Camp Crook. (2)
Short Pine—C. A. BALLINGER, Acting Forest Supervisor, Camp Crook. (2)
Slim Buttes—C. A. BALLINGER, Acting Forest Supervisor, Camp Crook. (2)

UTAH.

- Aquarius**—GEORGE H. BARNEY, Forest Supervisor, Escalante. (4)
Bear River—MARK G. WOODRUFF, Forest Supervisor, Logan; J. F. SQUIRES, Deputy Supervisor. (4)
Beaver—WILLIAM HURST, Forest Supervisor, Beaver. (4)
Dixie—CHARLES G. Y. HIGGINS, Forest Supervisor, St. George. (4)
Fillmore—WILLIAM HURST, Forest Supervisor, Beaver. (4)
Fish Lake—N. E. SNELL, Forest Supervisor, Salina. (4)
Glenwood—N. E. SNELL, Forest Supervisor, Salina. (4)
Grantsville—C. F. COOLEY, Forest Supervisor, Grantsville. (4)
La Sal—ORRIN C. SNOW, Forest Supervisor, Moab. (2)
Manti—A. W. JENSEN, Forest Supervisor, Ephraim. (4)
Monticello—ORRIN C. SNOW, Forest Supervisor, Moab. (2)
Payson—DAN S. PACK, Forest Supervisor, Payson. (4)
Raft River—WM. MCCOY, Acting Forest Supervisor, Oakley, Idaho. (4)
Salt Lake—E. H. CLARKE, Forest Supervisor, Salt Lake City; Wasatch Planting Station—N. J. FETHEROLF. (4)
Sevier—TIMOTHY C. HOYT, Forest Supervisor, Panguitch. (4)
Uinta—WILLARD I. PACK, Forest Supervisor, Provo; D. S. MARSHALL, Deputy Forest Supervisor; WM. M. ANDERSON, Deputy Forest Supervisor. (4)
Vernon—C. F. COOLEY, Forest Supervisor, Grantsville. (4)
Wasatch—E. H. CLARKE, Forest Supervisor, Salt Lake City. (4)

WASHINGTON.

- Colville**—W. W. CRYDER, Forest Supervisor, Republic. (6)
Olympic—FRED HANSON, Forest Supervisor, Hoodspoint. (6)
Priest River—R. L. FROMME, Acting Forest Supervisor, Newport. (1)
Rainier—CHAS. H. PARK, Acting Forest Supervisor, Orting; F. B. KELLOGG, Forest Assistant. (6)
Washington (Chelan Div.)—G. W. MILHAM, Forest Supervisor, Chelan. (6)
Washington (W.)—G. B. COLEMAN, Forest Supervisor, Sumas; B. P. KIRKLAND, Forest Assistant. (6)
Washington (Wenatchee Div.)—C. H. FLORY, Acting Forest Supervisor, Wenatchee. (6)
Wenaha—J. M. SCHMITZ, Forest Supervisor, Walla Walla; F. B. KELLOGG, Forest Assistant. (6)

WYOMING.

- Big Horn**—W. E. JACKSON, Forest Supervisor, Big Horn. (1)
Caribou—J. T. WEDEMEYER, Forest Supervisor, Idaho Falls, Idaho. (4)
Crow Creek—J. W. NELSON, Forest Supervisor, Saratoga; R. A. STRETCH and JOHN H. BRIDGES, Forest Assistant. (2)
Medicine Bow (Wyo. Div.)—J. W. NELSON, Forest Supervisor, Saratoga; R. A. STRETCH and JOHN H. BRIDGES, Forest Assistants. (2)
Sierra Madre—J. W. NELSON, Forest Supervisor, Saratoga; R. A. STRETCH and JOHN H. BRIDGES, Forest Assistants. (2)
Sundance—G. C. SMITH, Acting Forest Supervisor, Sundance, Wyo. (2)
Uinta—WILLARD I. PACK, Forest Supervisor, Provo, Utah; D. S. MARSHALL and WM. M. ANDERSON, Deputy Forest Supervisors. (4)

Yellowstone (Shoshone Div.)—JOHN H. RUFF, Acting Forest Supervisor, Cody; C. N. WHITNEY, Forest Assistant. (1)
Yellowstone (Teton Div.)—ROBT. E. MILLER, Forest Supervisor, Jackson. (4)
Yellowstone (Wind River Div.)—HENRY C. HALL, Acting Forest Supervisor, Pinedale. (4)

SERVICE CHANGES IN JANUARY.

APPOINTED.

Products—

WOOD UTILIZATION: FRANK BLAINE, Laboratory Aid and Engineer.

Silviculture—

MANAGEMENT: FRANK VOGEL, Expert.

Operation—

ORGANIZATION: FRANK RUSH, Forest Agent; JAMES T. OWENS, Forest Agent.

RESTORED TO THE ROLLS WITH PAY.

Products—

WOOD UTILIZATION: A. H. PIERSON, Forest Assistant.

PROMOTED.

Products—

WOOD UTILIZATION: MCGARVEY CLINE, Assistant Chief, Wood Utilization.

Silviculture—

EXTENSION: ALLEN S. PECK, Chief of Cooperation.

Operation—

ORGANIZATION: GEO. H. CECIL, Assistant Chief.

LANDS: HERBERT O. STABLER, Chief of Boundaries.

CHANGES IN DESIGNATION.

Operation—CHAS. S. CHAPMAN, Assistant Forester.

ORGANIZATION: CLYDE LEAVITT, Chief.

LANDS: ARTHUR C. RINGLAND, Chief of Settlement.

RESIGNED.

Operation—

ORGANIZATION: R. C. MCCLURE, Forest Supervisor.

SUSPENDED.

Operation—

ORGANIZATION: D. B. SHELLER, Forest Supervisor.

SERVICE NOTES FOR FEBRUARY.

These notes contain instructions and necessary information for Forest officers, and will, therefore, be carefully read and kept on file for reference.

OFFICE OF THE FORESTER.

Forwarding Maps—

A great many maps are forwarded to the Washington office under separate cover. These maps are received in the mailing room, and it frequently happens that it is absolutely impossible for the mail clerks to determine to which office or section the maps should be sent. Many maps are, therefore, sent to sections for which they are not intended. The attention of all field officers is called to the necessity of carefully marking every map that is forwarded to the Forester. Maps should be marked with reference to letters in which notice is given of their transmission.

LAW.

Jurisdiction over the Luquillo National Forest—

The jurisdiction of the Department of Agriculture over the Luquillo National Forest, Porto Rico, was affirmed by the following decision of the Comptroller of the Treasury:

TREASURY DEPARTMENT,
Washington, D. C., January 4, 1908.

The honorable the SECRETARY OF AGRICULTURE.

SIR: In your communication of January 2, 1908, you request my decision of a question which you therein present, as follows:

By public proclamation dated January 17, 1903, the President of the United States reserved and set apart as a "public forest reservation" certain of the public lands in the island of Porto Rico, to be known as "The Luquillo Forest Reserve," and the proclamation recited that the reservation was made by virtue of the power conferred upon the President by the act of Congress approved July 1, 1902. (32 Stat., 731.) Because of a more pressing demand for the energies of the Forest Service and moneys available for forest protection, the Luquillo Forest Reserve has never been put under active administration. Like delay has in some cases been necessary concerning National Forests located within the States.

The governor of Porto Rico has suggested to me that the public good would be promoted by the appointment of a supervisor to actively administer the Luquillo National Forest. I am of the opinion that there is no obstacle to the appointment of such an officer or to the payment of his salary from the appropriation made by the act of Congress approved March 4, 1907 (34 Stat., 1256). But to give the fiscal agent of the Forest Service that protection which I believe a disbursing officer is entitled to, I have decided to ask you to determine whether or not the jurisdiction over the Luquillo Forest Reserve, or National Forest, is in the Department of Agri-

culture, so that his salary may be paid from the appropriation made by the act of March 4, 1907, above mentioned.

Sec. 24 of the act of Congress approved March 3, 1891 (26 Stat., 1095) authorized the President of the United States to set apart and reserve as public reservations public lands bearing forests in any State or Territory, and by public proclamation to declare the establishment of such reservations and the limits thereof. The act of Congress of June 4, 1897 (30 Stat., 11), provided that all public land theretofore or thereafter set aside and reserved as public forest reserves under the act of 1901 referred to should, as far as practicable, be controlled and administered in accordance with the following provisions: "No public forest reservation shall be established except to improve and protect the forest within the reservation, or for the purpose of securing favorable conditions of water flows, and to furnish a continuous supply of timber for the use and necessities of citizens of the United States." The said act of June 4, 1897, also authorized the Secretary of the Interior, who then had jurisdiction over public forest reservations, to "make such rules and regulations and establish such service as will insure the objects of such reservations, namely, to regulate their occupancy and use and to preserve the forests thereon from destruction." A discussion of the act of June 4, 1897, which shows the public nature and purposes of forest reservations may be found in the case of U. S. vs. Shannon (151 Fed. Rep., 863).

By the act of February 1, 1905 (33 Stat., 628), the Secretary of Agriculture was authorized to execute or cause to be executed all laws affecting public lands theretofore or thereafter reserved under the act of 1891 referred to, "and acts supplemental to and amendatory thereof," excepting certain laws which affect the title and which are referred to in a general way in the first clause of the act.

The act of February 15, 1901 (31 Stat., 790), the fourth section of the act of February 1, 1905, above referred to, and the act of February 8, 1905 (33 Stat., 706), authorized certain uses of the national forests by the public and by the Government, and the appropriation act of March 4, 1907 (34 Stat., 1256), provided appropriations for the protection and utilization of the national forests.

The act of Congress of July 2, 1902 (32 Stat., 731), upon which the President based his proclamation creating the Luquillo Forest Reserve, authorized the President "to make * * * such reservations of public lands and buildings belonging to the United States in the island of Porto Rico for military, naval, light-house, marine-hospital, post-offices, custom-houses, United States courts, and such other public purposes as he may deem necessary." The President evidently took his authority to create the forest reservation from the words "and other public purposes" of the act, and since the act of 1901 authorized the creation of forest reserves in the States and Territories "as public reservations," and since the act of June 4, 1897, refers to such reservations as "public forest" reservations and expressly shows that the objects of the reservations were to secure favorable conditions of water flows, furnish a continuous supply of timber for the use of the public, and to regulate the occupancy by the public of the lands reserved, and since the other acts referred to provided for the use of the lands and resources of the national forests by the public, it seems clear that the reservation of the national forest in Porto Rico was within the authority of the President, and that the nature of the reservation made is similar to that of the other national forests made under the authority of the act of 1891, before and after the act of June 4, 1897, and that the act of July 1, 1902, is supplemental to the act of March 3, 1891, and that the jurisdiction to administer such reserve was transferred to the Secretary of Agriculture by the act of February 1, 1905, above referred to, subject only to the exceptions named therein, which apply equally to other national forests. The reservations named in the act of 1902 are for the use of the Government in exercising its functions for the respective purposes indicated by the nature of such reservations, and the same may be said of national forests. They are used and occupied by Government officers to protect the public waters, to protect and increase the timber supply, to experiment and investigate timber conditions, and to facilitate the uses of such reservations by the public in much the same way as post-offices

and custom-houses are used and for the public benefit and protection as light-houses are used, and since so many of the uses of national forests are of the same general nature and character and promote the public good after much the same manner as the reservations specifically referred to in the act of 1902, it is believed that such national forests partake of the nature of the reservations referred to in that act, especially since all must be made from the public lands belonging to the United States, and that therefore said act may properly be considered as supplemental to the act of March 3, 1901.

Since the necessity of the appointment of the supervisor for the Luquillo National Forest is urgent, I respectfully request that you advise me whether or not the fiscal agent would be authorized to pay his salary from the moneys appropriated by the act of March 4, 1907, above mentioned.

The act of March 4, 1907 (34 Stat., 1256, 1269, 1271), to which you refer, makes appropriations for "Salaries, Forest Service," aggregating \$143,200; for "General Expenses, Forest Service," \$1,746,800; and for the proper and economical administration, protection, and development of the national forests, \$500,000.

The appropriation for salaries is made specifically for salaries of clerks, draftsmen, photographers, messengers, watchmen, a forester, a carpenter, and an electrician. It is therefore not applicable to the compensation of a supervisor of a national forest.

The appropriation for general expenses provides as follows:

To enable the Secretary of Agriculture to experiment and to make and continue investigations and report on forestry, forest reserves, which shall be known hereafter as national forests, forest fires, and lumbering; to advise the owners of woodlands as to the proper care of the same; to investigate and test American timber and timber trees and their uses and methods for the preservative treatment of timber; to seek, through investigations and the planting of native and foreign species, suitable trees for the treeless regions; to erect necessary buildings: *Provided*, That the cost of any building erected shall not exceed one thousand dollars; to pay all expenses necessary to protect, administer, improve, and extend the national forests; and hereafter officials of the Forest Service designated by the Secretary of Agriculture shall, in all ways that are practicable, aid in the enforcement of the laws of the States or Territories with regard to stock, for the prevention and extinguishment of forest fires, and for the protection of fish and game.

To ascertain the natural conditions upon and utilize the national forests; and the Secretary of Agriculture may, in his discretion, permit timber and other forest products cut or removed from the national forests of the United States, except the Black Hills National Forest in South Dakota, to be exported from the State, Territory, or the district of Alaska, in which said forests are respectively situated: *Provided*, That the exportation of dead and insect-infested timber only from said Black Hills National Forest shall be allowed until such time as the Forester shall certify that the ravages of the destructive insects in said forest are practically checked, but in no case after July first, nineteen hundred and eight; to transport and care for fish and game supplied to stock the national forests or the waters therein; to employ fiscal and other agents, clerks, assistants, and other labor required in practical forestry, in the administration of national forests in the District of Columbia or elsewhere; and hereafter he may dispose of photographic prints (including bromide enlargements), lantern slides, transparencies, blueprints, and forest maps at cost and ten per centum additional, and condemned property or materials under his charge in the same manner as provided by law for other bureaus; to collate, digest, report, illustrate, and print the results of experiments and investigations made by the Forest Service; to purchase law books to an amount not exceeding five hundred dollars, necessary supplies, apparatus, office fixtures, and technical books, and technical journals for officers of the Forest Service stationed outside of Washington; and to pay freight, express, telegraph, and telephone

charges, and for electric light and power, fuel, gas, ice, washing towels, and traveling and other necessary expenses, one million seven hundred and fifty-six thousand eight hundred dollars, of which sum not to exceed forty thousand dollars may be used for rent. * * *

This appropriation expressly provides for the employment of "fiscal and other agents, clerks, assistants, and other labor required in practical forestry, in the administration of national forests," whether they are employed "in the District of Columbia or elsewhere."

I am of the opinion that either this appropriation or that for administration, etc., of national forests is applicable to the compensation of a supervisor of a national forest.

The particular question for consideration in the case presented is whether the Luquillo Forest Reserve in Porto Rico is a "national forest" within the meaning of the above appropriations. Section 24 of the act of March 3, 1891 (26 Stat., 1095, 1103), provides as follows:

That the President of the United States may, from time to time, set apart and reserve in any State or Territory having public land bearing forests, in any part of the public lands wholly or in part covered with timber or undergrowth, whether of commercial value or not, as public reservations, and the President shall, by public proclamation, declare the establishment of such reservations and the limits thereof.

Prior to the passage of the act of March 4, 1907, *supra*, the reservations of public lands made under the above section were known as "forest reserves." But the said act of March 4, 1907, in the paragraph making appropriation for general expenses, quoted above, provides that forest reserves should thereafter be known as "national forests." I think, therefore, the appropriations made in said act are applicable only to expenses incurred in connection with national forests established under said section 24 of the act of March 3, 1891. (13 Comp. Dec., 219.) That section authorizes the reservation of national forests only in a "State or Territory."

In the absence of a legislative construction of the word "territory" as used in said section 24 of the act of March 3, 1891, I should be inclined to hold that Porto Rico is not a Territory within the meaning of said act authorizing the President to set aside forest reservations in the States and Territories, and that the Territories therein mentioned are such as have a civil government established by Congress as a Territorial government and directly under the laws of the United States. But Congress in the last appropriation act for the general expenses of the Forest Reserve has recognized the fact that forest reservations may be carried out in Alaska, which is no more a Territory of the United States, in the technical sense in which the word "territory" is commonly used in the statutes, than is Porto Rico, by providing that the Secretary of Agriculture may permit timber and other forest products to be cut or removed from national forests of the United States, except the Black Hills National Forest or the District of Alaska. To be enabled to enforce this exception presupposes the fact that forest reservations may be made in Alaska, and that the Secretary may appoint such officers as are necessary to maintain and administer such forest reservations in Alaska, and to enforce such exception.

You state that the President made the forest reserve in question under the act of July 2, 1902, quoted by you, which I do not think is either amendatory of said section 24, or modifies its provisions; but if authorized to make such forest reserve under the act providing for forest reservations in the States and Territories, it is immaterial under what statute he claimed to act. Having the authority to make a forest reserve in Porto Rico, and having made one,

you are authorized to employ a supervisor of such forest reserve made in Porto Rico and pay him for his services out of the appropriation mentioned in your communication.

Respectfully,

R. J. TRACEWELL,
Comptroller.

Case of Curtin v. Benson et al.—

In the case of *Curtin v. Benson et al.*, decree was entered for the defendants, on December 11, 1907. The finding of facts and the decree were as follows:

In the United States Circuit Court, Ninth Circuit, Northern District of California.

J. B. CURTIN, *Plaintiff,*
v.
H. C. BENSON ET AL., *Defendants.* } No. 13827.

Upon consideration of the evidence and the agreed statement of facts filed herein June 13, 1906, I find the following facts:

1. That the plaintiff, J. B. Curtin, owns within the limits of the Yosemite National Park the following described lands: N. $\frac{1}{2}$ of section 16; SE. $\frac{1}{4}$ of section 18; in township 2 south, range 20 east.

That in addition thereto he leases from other parties the following described lands within the said Yosemite National Park: W. $\frac{1}{2}$ of the SW. $\frac{1}{4}$, and SE. $\frac{1}{4}$ of SW. $\frac{1}{4}$ of section 14; NE. $\frac{1}{4}$ of NW. $\frac{1}{4}$ section 23; all of section 17; in township 2 south, range 20 east, and the SW. $\frac{1}{4}$ of section 13, township 2 south, range 19 east.

2. That leading to said lands so owned and leased in the said Yosemite National Park by the plaintiff herein are toll roads over which the public may pass upon payment of the fees exacted by the corporation controlling said roads, said roads having been established many years prior to the creation of said park.

3. That the defendant, Major H. C. Benson, is the duly appointed, qualified, and acting superintendent of said Yosemite National Park, and was at the time of the commencement of the action herein such superintendent, and has continuously acted in that capacity from that date until the present time.

4. That the Department of the Interior has established certain rules and regulations for the government of the said Yosemite National Park, which said rules and regulations the defendant herein, as such superintendent of the said Yosemite National Park is obliged to enforce, and for the purpose of enforcing said rules and regulations he has a body of troops under his command.

5. That among other rules and regulations promulgated and established by the Secretary of the Interior are the following:

"9. Owners of patented lands within the park limits are entitled to the full use and enjoyment thereof: such lands, however, shall have the metes and bounds thereof so marked and defined as that they may be readily distinguished from the park lands. Stock may be taken over the park lands to patented lands with the written permission and under the supervision of the superintendent."

"10. The herding or grazing of loose stock or cattle of any kind on the Government lands in the park, as well as the driving of such stock or cattle over the same, is strictly forbidden, except in such cases where authority therefor is granted by the superintendent."

6. That the plaintiff, J. B. Curtin, claims the right to drive his cattle to his said lands owned and leased by him as aforesaid in the Yosemite National Park

without complying with the provisions of sections 9 and 10 of the Rules and Regulations as set forth above, claiming said Rules and Regulations to be invalid, and claiming that to deprive him of the right so to drive his cattle to and from, and graze his cattle upon, his land would work irreparable injury to him.

7. That the plaintiff herein did on one occasion place cattle upon his said lands in said Yosemite National Park, and that the said defendant, H. C. Benson, as such superintendent, did immediately remove said cattle from said lands and refuse to allow the same to be grazed thereon until said plaintiff complied with said Rules and Regulations. That prior to the commencement of this action, the defendant, H. C. Benson, as such superintendent of said Yosemite National Park, did refuse to allow and by force did prevent said plaintiff from driving any of his said cattle or horses in, upon, or over said toll roads to his said lands in said park, and did prevent said plaintiff from using any of his said lands in said park until the metes and bounds thereof were properly pointed out.

That the defendant, H. C. Benson, as such superintendent, has enforced and will continue to enforce, as such superintendent of the Yosemite National Park, the Rules and Regulations hereinbefore set out until the same are declared invalid by competent authority or his orders in reference to enforcement thereof are changed.

As a conclusion of law from the foregoing facts and the facts admitted by the pleadings, I find that the Rules and Regulations made by the Secretary of the Interior, numbered 9 and 10, for the government and superintendence of the Yosemite National Park, and set out in the foregoing finding numbered 5, are valid.

2. That plaintiff is not entitled to the relief prayed for in the bill of complaint, or any relief.

3. That defendants are entitled to a judgment dismissing the bill of complaint and for their costs.

Let such decree be entered.

Dated December 11, 1907.

JOHN J. DE HAVEN, *Judge.*

BRANCH OF SILVICULTURE.

OFFICE OF MANAGEMENT.

Closing Old Timber Sales Cases—

The timber sales files in the office at Washington show that there are many old sales on the National Forests in which it is probable that all of the timber has been cut and removed. Supervisors should, therefore, as soon as possible, go through their card and correspondence files and recommend for closing, all cases in which the conditions are such as to allow this action. If necessary, Forest officers should be asked for reports to show the status of cases in which the records are not complete. In addition to looking up cases which should be closed, the payments in connection with reports of timber cut should be carefully checked.

Without doubt, it will also be possible to recommend for closing many trespass cases, timber settlements, and sawmill privileges.

Advertised Class B and C sales—

To insure compliance with the provision of the law that timber exceeding \$100 in value must be advertised for a period of not less than thirty days before

it can be sold, the date up to which bids will be received, which is announced in the advertisement, should be the same date of the following month as the date of the first publication. If material mistakes appear in the first publication, they should be corrected and the date up to which bids will be received should be made one week later; or if the mistakes are not detected until a later appearance of the notice of sale the date up to which bids will be received should be changed to the same date of the following month as the date of the first appearance of the corrected notice. The number of publications should not, however, be increased, since the number for which payment can be allowed by the Fiscal Agent is limited to five by the letter of authorization.

In all notices inserted during the month of February, the date up to which bids will be received should be made two days later in March than the date of the first appearance in February; thus if the first publication appears February 2, the last day for receiving bids should be March 4.

It is essential that special attention be given to this point in advertised sales, in order that it may not be necessary for the supervisor to defray the expenses of additional publications, or of an advertisement which does not allow the full period of 30 days for the submission of bids.

Brush Disposal in Improvement Work—

It is very important that all the brush and other débris resulting from permanent improvement work on the forests, such as trail building, telephone lines, etc., be disposed of with as much care and thoroughness as is required of purchasers in timber sales and of permittees in timber settlements. Unless this is done, not only would the forest be menaced, but the manner in which the Forest Service conducts its work would be justly open to criticism.

Over Payments in Timber Sales and Timber-Settlement Cases—

When the final report of the timber cut is submitted to the Forester in a timber-sale or timber-settlement case, a definite recommendation should be made by the supervisor as to what disposition should be made of the over payments. This will avoid the delay and extra work incident to writing the supervisor for this recommendation before final action in the case is taken.

Free Use—

It is intended by regulation 19 of "The Use Book" that the supervisors may, in cases of great and unusual need, issue more than two free-use permits to the same applicant in one year, and that the value of the material included in the two permits may exceed \$20 in one year. The authority to allow more than \$20 worth of material is not confined to applications for material to be used for road districts, churches, and noncommercial cooperative organizations, but, at the discretion of the supervisor, it may be extended also to individual applicants. Whether or not an applicant is entitled to more than \$20 worth of material in one year is to be determined by the supervisor after a careful consideration of all the circumstances of the case.

Free-Use Records—

The free use card record, Form 164, has been discontinued and the duplicate of the permit, Form 874-9, issued by the officer and sent to the supervisor's office for record should be filed alphabetically in the free use card

record case. The permit, 874-8 and 874-9, is being revised in order that it may be filed more conveniently. The object of the cancellation of Form 164 is to do away with the need for copying the data from the permit to the card record.

Wall Map of the National Forests—

A wall map of the United States showing the National Forests will be issued February 1. The size is 64 by 84 inches. It will be printed in four colors, showing culture, drainage, State boundaries, and the Forests. It will be in four sheets and unmounted. Supervisors and inspectors will receive copies without requisition, and persons not in the Forest Service may obtain the map on payment of 25 cents.

BRANCH OF GRAZING.

Instructions Regarding Grazing Trespass—

The following circular letter is to be sent to Forest officers:

JANUARY 16, 1908.

To FOREST OFFICERS :

In future cases of grazing trespass upon the National Forests you will please proceed in accordance with the following instructions:

In Civil Cases—

The Forest officer upon discovering a grazing trespass should take immediate steps to protect the Forest from injury. The owner of the stock should be ordered to remove it at once, or, if the situation is urgent, the Forest officer may remove the stock in any reasonable way that does not injure it physically.

A distinction should be made between (a) unpermitted stock and (b) permitted stock.

(a) Forest officers may drive unpermitted stock from any portion of the forest upon discovery of its presence. Or they may allow the owner or herder a reasonable time to remove it, but if they refuse to do so the person in charge of the stock may be arrested and the stock removed from the forest. (See procedure *In Criminal Cases*.)

(b) Permitted stock may be removed from any portion of the Forest not allotted to it, but the permit can not be canceled or the stock removed from the area allotted to it without authority from the Forester.

The Forest officer who discovers trespassing stock should, as soon as possible, prepare a report in duplicate on Form 856 to be submitted to the supervisor. This report should contain clear-cut, definite statements upon the following points: Date of trespass; actual or approximate number of stock grazed in trespass and method of determination; brands or earmarks of stock and recorded ownership of same; location of area trespassed upon by legal subdivisions or a definite description by local landmarks; whether Forest boundaries were properly marked at point of trespass or not and whether trespasser has ever been advised of the exact location of the Forest boundary; the names and addresses of all witnesses having knowledge of the facts, together with a brief synopsis of their testimony. All questions contained in the printed form should be answered.

This data should be complete, even though insert sheets must be used in the report. The Forest officer should then add his own recommendation relative to the terms and methods of settlement and action to be taken, and forward both copies of the report to the supervisor. No report of a grazing trespass should be forwarded to the Forester until the trespasser has had an opportunity to present his version of the facts to the supervisor. Propositions of settlement should not be prepared in full for the signature of the trespassers, but instead the trespasser should be furnished the blank form upon which he may set forth his side of the case.

Upon receipt of the report, the supervisor will consider it carefully and, if he thinks a good case has been presented against the trespasser, he will advise

him by letter of the nature of the report, informing him that he will be allowed ten days from the receipt of the letter in which to state his version of the facts. After such statement has been made, or in case the alleged trespasser ignores the notice, after the ten days or a reasonable time has expired, the supervisor, if in his opinion a trespass has been committed, will determine the amount of injury which the Forest has sustained. If the trespass is innocent or unintentional, the trespasser should be charged only the value of the grass and forage consumed or the herbage destroyed, based upon the regular grazing fee upon the number of head of stock involved; but in cases in which the trespass is willful the compensation due the Government should be much greater, because of the effect of such a trespass. In cases of willful trespass the sum of \$50 per head and upward in any case of sheep trespass and \$10 and upward in any case of cattle or horse trespass is reasonable.

After having determined the compensation due to the Government in settlement of the trespass, a proposition of settlement, Form 208, should be presented to the trespasser, to be filled in and signed by him and forwarded to the Forester. A letter of transmittal, Form 861, should also be presented to him and a duplicate sent to the Forester. A report of the action taken in all cases, with definite recommendations, should be made to the Forester at once. A card record should be prepared, and a properly marked folder containing the duplicate report and all other papers in the case should be placed in the files.

In Criminal Cases—

The Secretary of Agriculture has no power to dismiss criminal cases, and a proposition of settlement, submitted with the understanding that if accepted criminal proceedings for the trespass will be waived, will be rejected. (Use Book, p. 118). No proceeding looking to criminal prosecution should be taken or threatened by any Forest officer without authority from the Forester or law officer, except as provided under this head in cases where immediate arrest is necessary. Under ordinary circumstances settlement should be required as provided in civil cases and criminal action recommended only in cases in which settlement is impossible.

In cases where immediate action is necessary in order to protect the forest from damage, or in any clear case where the trespasser is liable to escape if not arrested at once (Use Book, p. 121), the ranger will place the trespasser under arrest if he is detected in the act of committing a trespass; will notify the supervisor at once, advising him of the need for immediate action, the evidence against the trespasser, and the commissioner before whom the hearing will be held. He will also secure evidence upon all of the points mentioned under the head of civil cases. He will immediately take the prisoner before the proper United States commissioner, swear to a complaint, represent the Forest Service at the hearing, and hold the prisoner for disposition according to the instructions of the commissioner. After the case has been acted upon by the commissioner, the ranger will submit full reports upon the proper forms, as in a civil case, to the supervisor, including a statement regarding the urgency of the need for the arrest and the decision and rulings of the commissioner.

The supervisor, upon receipt of the ranger's preliminary report, should endeavor to attend the hearing before the commissioner as a representative of the Forest Service, or, failing in that, should give the ranger full instructions relative to the management of the case, approving or disapproving the ranger's action in making the arrest, as necessary. As soon as the case before the commissioner has been decided and the ranger has submitted full reports upon the proper forms the supervisor should consider them, approve them, record them in the proper manner, and forward all papers in the case to the Forester for action, adding such recommendations as are necessary, and stating in full all rulings and decisions made by the commissioner, after which he should await instructions from the law officer before proceeding further.

GIFFORD PINCHOT, *Forester.*

Grazing Permits for Five-Year Periods—

The supervisors of the Sierra (N), Santa Barbara, Cascade (N), San Francisco Mountains, Battlement Mesa, Big Horn and Yellowstone (Teton) National Forests have been informed that, beginning with the season of 1908,

permits for grazing may be issued for five-year periods. If the system proves a success upon these Forests it will be extended to other Forests next year. The general plan is not to authorize the approval of applications for permits for five-year periods until a Forest has been under administration at least three years. A protective limit in number is established for each kind of stock, and permits for more than these limits are subject to 10 per cent reduction annually, if necessary to provide for new small owners. These permits are to be issued in annual installments, and the grazing fee at the regular current rate must be paid each year in advance. The permits are not transferable, but in case the stock is sold a new permit will be issued free of charge for the remainder of the period for which the fees have been paid. A new application blank, Form 298, has been prepared for permits for five-year periods, and samples may be had upon application to the Branch of Grazing; but supervisors must not approve the applications under any circumstances until after they have been authorized to do so by the Forester.

Aliens are Entitled to Grazing Permits—

There appears to be doubt in the minds of some of the Forest officers in regard to whether or not persons who are not citizens of the United States are entitled to grazing permits. It is important that this matter should be made clear before the time for approving applications for permits during the coming season. The regulations in force upon the National Forests (forest reserves) at the time of their transfer from the Department of the Interior to the Department of Agriculture prohibited the issuance of grazing permits to persons who were not citizens of the United States. It was found that in many cases this has caused considerable hardship and prevented the issuance of permits to settlers who had but recently arrived in the country, and also that, as a rule, the aliens whom it was desired to exclude were the owners of transient stock and might be denied permits under the rules of preference. Therefore, in the revision of the regulations on July 1, 1906, this regulation was cut out, and now persons who are not citizens may be allowed grazing permits, provided, of course, that they are bona fide residents and owners of improved ranch property either within or adjacent to the Forest, or that they are otherwise entitled to consideration under the present regulations.

BRANCH OF OPERATION.

OFFICE OF ACCOUNTS.

Certificate of Service—

Amended Form 143 (certificate of service) is now ready for distribution, and the initial supply has been forwarded by the property clerk. This form should be used by supervisors and temporary special disbursing agents strictly in accordance with the instructions printed on the back, for the purpose of reporting the period of service for which pay is due supervisors, rangers, and guards, and the period of service of other employees whose accounts *are to be paid by the fiscal agent at Washington, D. C.* It is important that the post-office address accompany all names reported on this form.

Subvoucher Form 2a is no longer required, and payment is now made upon the certification of the proper official that the services reported were rendered, and if this can be promptly and correctly made on the last day of each month the form (Form 143) should be mailed to the Forester immediately after such certification, and on its receipt at this office the necessary pay rolls will be prepared.

Accounts for Nonexpendable Property—

Section 150 of the Green Book provides that accounts for nonexpendable property purchased under letters of authorization will not be paid unless accompanied by invoice and receipt on Form 939, in duplicate. The failure of many members of the Service to comply with this regulation has resulted in serious inconvenience. A strict compliance will avoid much needless correspondence and facilitate the prompt settlement of accounts.

OFFICE OF MAINTENANCE.

Forms Bearing the Designation "Forest Reserve"—

A number of supervisors are still using forms bearing the designation "Forest Reserve." All forms of this character have been revised by substituting the words "National Forest," and are available for issue on requisition. Supervisors should obtain supplies of the revised forms and destroy all forms on hand bearing the designation "Forest Reserve."

OFFICE OF LANDS.

Boundaries—New National Forests—

During the past month President Roosevelt signed the following proclamations: San Bernardino, January 7, making an addition of 28,680 acres. Blue Mountains, January 9, making an elimination of 131,643 acres. Monterey, January 9, making an addition of 25,106 acres. Tonto, January 13, making an addition of 1,288,320 acres.

The creation of the Tonto and Verde National Forests, which was signed on December 30, 1906, is important, since a large part of the watersheds of the Salt and Verde rivers will be brought under proper regulation. It is not only extremely important that overgrazing be prevented, but many of the small tributaries of the two rivers have a growth of oaks, cottonwoods, Arizona cypress, and chaparral that should be protected in order to prevent extensive erosion.

Recommendations for Listing—

Many reports have been received recommending for listing, under the act of June 11, 1906, tracts of land of which only a part was described in the application. Sometimes these reports cover not only the land actually applied for, but additional land to which the applicant was entitled and intended his application to cover. The mistakes are due to the applicant's ignorance in the matter or to his inability to obtain a proper description. To avoid confusion, examiners should be careful to state in all such cases that the recommendations embrace the land which the applicant desires to enter.

Claims—

Forest officers, in reporting on homestead entry claims, will remember that mere colorable compliance with the provisions of the homestead entry law by a claimant, in the matter of residence and cultivation, is not a sufficient compliance to justify patent. Periodical visits of short duration to the land to keep alive the fiction of residence, and meager improvements and cultivation do not indicate good faith, which is an essential requirement to entitle a claimant to patent. In reporting on homestead entry claims, especially such as are moderately or heavily timbered or where the claimant evidently desires the land for some other use than for a home and for cultivation, every fact relating to the claimant's occupancy of the land should be detailed, in order that his good faith may be determined. If necessary, an insert sheet may be used in Form 655.

Facts bearing upon the following points should be clearly and fully set forth in the report:

The habitable character of the claimant's house at all seasons; its size, furnishings, and value, and character and value of all other buildings and improvements; amount of tillable land and amount plowed and cultivated each year; the disposal of the crop; water supply; presence or absence of stock and domestic fowls; employment and circumstances of the claimant and his physical and financial ability further to improve and clear the land for cultivation from year to year; the amount of land embraced in the entry which is agricultural in character if land is denuded of timber; the character, situation, and altitude of the land, and whether, if on a steep hillside, it can be made to produce paying crops or support at any time the claimant and his family; *quality, kind, size, and value* of standing timber on the claim; remoteness of the claim from the nearest town and means of access to it; presence of sawmills in the vicinity of the claim; whether the claimant followed the clearing of timber areas by cultivation as rapidly as his means and ability permitted; the character and kind of fences, or ditches, if any; the dates, duration, nature, and purpose of claimant's absence from the claim; where he lived or stayed during such absence and how he was employed, and the disposal of his stock, if any, during that time; the residence of claimant's family during the time of claimant's residence on or absence from the land. In brief, Forest officers should report every circumstance which would determine whether the claim is the permanent home of the claimant, to the exclusion of a home elsewhere, or whether the primary purpose in making an entry was to acquire title to the land for the purpose of disposing of the timber on it by sale, immediately or shortly after final proof, or for a purely speculative purpose, or for some other use than residence and cultivation.

Special Uses—

Supervisors' Permits—Dams, Reservoirs, and Conduits.—Many supervisors continue to issue special-use permits for dams, reservoirs, and conduits without first referring the applications to the Supervising Engineer of the Reclamation Service, as required on page 8 of the circular of instructions on special uses, dated July 19, 1907. The report accompanying the Forester's copies of supervisors' permits for dams, reservoirs, and conduits must always show that the permits are approved by the Supervising Engineer. The present addresses of the Supervising Engineers of the Reclamation Service are as follows:

Southern Division: Arizona, New Mexico, Utah, Colorado River drainage in Wyoming, and California south of Tehachapi—L. C. Hill, Phoenix, Ariz.

Pacific Division: Washington, Oregon, Nevada, and California north of Tehachapi—D. C. HENNY, 307 Tilford Building, Portland, Oreg.

Northern Division: Montana, North Dakota, and Yellowstone drainage in Wyoming—H. N. SAVAGE, Huntley, Mont.

Central Division: Nebraska, South Dakota, Colorado, Kansas, Oklahoma, and North Platte drainage in Wyoming—I. W. McCONNELL, Montrose, Colo.

Idaho Division: Idaho and Snake River drainage in Wyoming—D. W. Ross, Boise, Idaho.

Commercial Power Plants—Corporations.—Hereafter all applications by corporations for special-use permits for commercial power plants must be accompanied by duly certified copies of the companies' articles of incorporation, unless such evidence of incorporation has already been filed with the Forester. Such copies must be forwarded by the supervisor to the Forester with the applications.

Special-Use Permits—Act of June 11, 1906.—Supervisors should not record special-use cases as closed when they receive notice that the land involved has been listed. The listing of the land with the Secretary of the Interior as agricultural, with the recommendation that it be opened to entry, does not change the legal status of the land nor affect any special-use permit covering the land. When the land becomes open to entry, however, any special-use permit covering the land terminates. Therefore, supervisors should record special-use cases as closed, and notify the Forester immediately after the land involved becomes open to entry.

A plan for notifying supervisors of the dates upon which lands will become open to entry under the act of June 11, 1906, is under consideration and will be put into effect when the Department of the Interior secures additional funds for advertising and resumes the opening of lands to entry under the act.

Record of Diversion of Water—

Whenever a diversion of water for use in the administration of a National Forest has been actually made, the record required by the instructions, page 40, Use Book, should be promptly submitted.

The statement should be accompanied by a plat on a tracing-linen map sheet (Form 220). This plat should show the situation, course, and distance of the stream from which the diversion of the water is made, the method of the diversion, and the amount of water taken, in cubic feet per second, instead of miner's inches, as stated in the form of report 271. The soil formation of the land upon which it is to be used should also be given, as the amount of water necessary depends upon the character of the soil, loose, open soil requiring more than a close one.

Future needs should be anticipated, and notes should be made of all cases in which diversion of water may later be required for administrative purposes, with a view to incorporating them in a future report.

OFFICE OF ORGANIZATION.

Floor Covering—

In many supervisors' offices the floor covering best adapted to local conditions has not been used. A well-laid floor of wood kept in good condition by painting or oiling needs no covering. Linoleum is best adapted to worn and uneven floors or those made of inferior lumber. In order to prevent the linoleum from wearing unevenly, the floor should be planed and covered with paper

before the linoleum is put down. Carpets and rugs should be used only when linoleum can not be purchased, or when the floor is too rough for its use. Supervisors may purchase paint, oil, linoleum, or carpets and rugs when necessary, provided their allotment permits.

Brands for Horses and Mules—

A brand has been adopted for horses and mules owned by the Forest Service. Supervisors are requested to have all Government animals of this kind branded U. S. on the *left* hip. The brand should be neat and uniform and should not be over 4 inches high and should be attached to one handle. Necessary branding irons may be purchased for this purpose.

SERVICE ORDERS.

SERVICE ORDER 10.

JANUARY 24, 1908.

Record of Telephone Conversations.

Serious confusion and misunderstanding will result if Supervisors and Forest officers fail to keep a record of all telephone conversations which relate to official business. Hereafter, Supervisors will keep memorandums of all telephone conversations between themselves and subordinates involving instructions, either partial or complete. Each memorandum should be dated and signed by the Supervisor at the time the message is sent and should be filed in the same manner as a carbon copy of a letter. Every Forest officer receiving instructions by telephone should enter such instructions at once in his diary so that there may be a check from each end.

Similar memorandums should be made of all important telephone conversations with Forest users which form the basis for action or which modify current action. When such a memorandum is made by a subordinate officer, it should be in duplicate; one copy for his own files, and one copy to be forwarded immediately to the Supervisor.

A memorandum relating to a specifically designated case should bear the designation of the case, and should be filed with the other related papers.

This order is supplemental to the instructions regarding records, on page 151 of the Use Book.

OVERTON W. PRICE,
Associate Forester.

SERVICE ORDER 11.

JANUARY 24, 1908.

Mailing of Letters to the Forester.

Hereafter, all letters written to the Forester in the offices of chief inspectors and supervisors, will be mailed in one envelope for each day's work. A special desk basket will be set apart, in which all mail intended for the Washington office will be deposited, with inclosures securely attached to letters. At the close of the day the letter, without being folded, will be placed in a large envelope, and mailed. Printed envelopes will be furnished on requisition. When the day's mail consists of but one letter, however, the letter should be folded and mailed in an envelope of the ordinary size.

OVERTON W. PRICE,
Associate Forester.

Issued February 29, 1908

United States Department of Agriculture,
FOREST SERVICE.

GIFFORD PINCHOT, Forester.

FIELD PROGRAM FOR MARCH, 1908.

This program of field work and assignments in the Forest Service is issued monthly. The names of members whose assignments are not yet fixed, and reference to projects for which plans have not been matured, are necessarily omitted.

It is requested that the members of the Forest Service cooperate in making this program complete and accurate. Information concerning errors or omissions, and changes of project or of address for the following month, should be sent by members to the offices of their respective chiefs not later than the 20th of the month.

Unless the address of a member is given in this program or is definitely known, he should be addressed in care of the Forest Service, Washington, D. C.

OFFICE OF THE FORESTER.

GIFFORD PINCHOT, Forester.
OVERTON W. PRICE, Associate Forester.

HARRY L. HILL, Secretary to the Forester.

P. P. WELLS, Law Officer.

A. C. SHAW,
GEORGE F. POLLOCK, } Principal Examiners.

HERBERT A. SMITH, Editor.
GEORGE B. SUDWORTH, Dendrologist.

30968—08—1

LIEUT
FEB 29 1908
U.S. FOREST SERVICE
LIBRARY

INSPECTION.

FORESTER AND ASSOCIATE FORESTER.

Inspection District 1.—Montana, Northern Idaho, and Northern Wyoming.

E. A. SHERMAN, Chief Inspector, Missoula, Mont.

Inspector: P. G. REDINGTON and R. Y. STUART, both at Missoula, Mont.

Inspection District 2.—Colorado, Southern Wyoming, South Dakota, Nebraska, Kansas, Southeastern Montana, and Southeastern Utah.

SMITH RILEY, Chief Inspector, Denver, Colo.

Inspectors: R. P. IMES, S. L. MOORE, and F. W. MORRELL, all at Denver, Colo.; T. D. WOODBURY, Washington, D. C.

Inspection District 3.—Arizona, New Mexico, and Oklahoma.

D. D. BRONSON, Chief Inspector, Albuquerque, N. Mex.

Inspectors: T. S. WOOLSEY, Jr., W. R. MATTOON, and A. O. WAHA, all at Albuquerque, N. Mex.

Inspection District 4.—Utah, Southern Idaho, Western Wyoming, Eastern Nevada, and Northern Arizona.

R. E. BENEDICT, Chief Inspector, Salt Lake City, Utah.

Inspectors: F. W. REED and J. M. FETHEROLF, both at Washington, D. C.; W. W. CLARK, L. L. WHITE, and W. C. CLOS, all at Salt Lake City, Utah.

Inspection District 5.—California and Western Nevada.

F. E. OLMS TED, Chief Inspector, San Francisco, Cal.

Inspectors: COERT DU BOIS, J. H. HATTON, WM. C. HODGE, JR., G. W. PEAVY, S. J. FLINTHAM, and J. K. CAMPBELL, all at San Francisco, Cal.

Inspection District 6.—Washington, Oregon, and Alaska.

E. T. ALLEN, Chief Inspector, Portland, Oreg.

Inspectors: W. H. B. KENT and F. E. AMES, both at Portland, Oreg.; M. L. ERICKSON, Washington, D. C.

E. S. BRUCE, Expert Lumberman and Special Inspector, in the Office of the Forester.

White Mountain and Appalachian Investigation: WM. L. HALL, Assistant Forester in Charge; assistant, A. K. CHITTENDEN.

BRANCH OF SILVICULTURE.

WILLIAM T. COX, Assistant Forester, in Charge.

E. E. CARTER, Assistant Forester.

OFFICE OF FOREST MANAGEMENT.

E. H. CLAPP, Chief.

W. G. WEIGLE, Assistant Chief.

Timber Sales, E. H. CLAPP,

G. M. HOMANS, Assistant Chief.

TIMBER SALE CORRESPONDENCE.

District 1—J. E. BARTON.

District 2—D. T. MASON.

District 3—W. R. MCKINNON.

District 4—J. BENTLEY, Jr.

District 5—D. C. A. GALARNEAU.

District 6—W. D. CLARK.

Trespass—FRED LEES and G. W. HOLLAND.

TEMPORARY ASSIGNMENTS.

(Under the direction of supervisors.)

Lumbermen.

J. S. BAIRD, Cass Lake, Minn.
 M. BURNS, Cass Lake, Minn.
 GEO. L. COTT, Keystone, Wyo.
 GEO. P. GREGG, Keystone, Wyo.

W. E. LA FOUNTAIN, Anaconda, Mont.
 A. J. NORTON, Kalispell, Mont.
 J. P. HUGHES, Portland, Oreg.

Forest assistants.

P. T. HARRIS, Helena, Mont.
 C. S. JUDD, Quincy, Cal.
 L. S. MURPHY, Livingston, Mont.

W. B. PIPER, Bozeman, Mont.
 J. D. WARNER, Wallace, Idaho.
 R. M. MACMURRAY, Kalispell, Mont.

Forest Atlas, F. G. PLUMMER.

Reconnaissance, A. B. RECKNAGEL, Acting.
 Assistants, R. G. POND, C. P. WILBER.

PROJECTS.**New Mexico—**

Working plan for Manzano National Forest—G. P. BARD, Albuquerque, N. Mex.

Cooperation, J. G. PETERS, Acting.**PROJECTS.****Alabama—**

Timberland examination—Prof. R. F. MACKINTOSH, Auburn.

California—

Estimate for Hoopa Valley Indian Reservation, in cooperation with the Office of Indian Affairs—I. F. ELDREDGE, W. T. ANDREWS, and N. B. ECKBO, all at Hoopa.

Eastern States—

Timberland examinations—W. D. STERRETT and WESLEY BRADFIELD, Washington, D. C.

Maine—

Forest conditions—AUSTIN CARY, Brunswick.

Mississippi—

Study of forest conditions, in cooperation with the State Geological Survey—J. S. HOLMES and GEO. L. CLOTHIER, Jackson.

Montana—

Preparation of report on forest conditions, in cooperation with the Northern Pacific Railway Company—KARL W. WOODWARD, Washington, D. C.

New Mexico—

Supervision of cutting, Fort Wingate Military Reservation, in cooperation with the War Department—NELSON LE GRAND, Guam, N. Mex.

Wisconsin—

Working plans for timber sales on Indian reservations, in cooperation with the State and U. S. Indian Office—E. M. GRIFFITH, State Forester, Madison.

OFFICE OF SILVICS.**RAPHAEL ZON, Chief.****Field Studies, W. W. ASHE, Acting.****PROJECTS.****Colorado—**

Study of insect-infested timber in Colorado National Forests, in cooperation with the Bureau of Entomology (forest insect investigations, A. D. Hopkins, in charge)—W. D. EDMONSTON, care JOHN EDGE, Burns, Colo.

Eastern States—

Study of second growth yellow poplar—W. W. ASHE, Washington, D. C.

Study of the hickories—A. T. BOISEN; assistant, C. G. BATES, Washington, D. C.

New England—

Study of the white pine disease, in cooperation with the Division of Forest Pathology, Bureau of Plant Industry—S. T. DANA, Washington, D. C.

Northeastern States—

Study of the birches—S. T. DANA, Washington, D. C.

Library, H. E. STOCKBRIDGE.**Compilation, E. H. FROTHINGHAM.****OFFICE OF EXTENSION.****SAMUEL N. SPRING, Chief.****Planting, L. C. MILLER.****PROJECTS.**

Preparation and revision of plans for planting stations—J. F. KÜMMEL, Washington, D. C.

Compilation of data from planting station reports—G. B. MACDONALD, Washington, D. C.

Establishment of a forest nursery near Garden City, Kans.—A. E. OMAN, Garden City, Kans.

Reconnaissance, W. H. von BAYER.**PROJECT.**

Study of forest planting of cottonwood on bottomlands in the lower Mississippi Valley—L. CROWELL, Memphis, Tenn.

Cooperation, A. S. PECK.

Correspondence—Advice on private forest planting—C. A. KUPFER.

PROJECTS.

Preparation of planting plans for landowners, and examination of nurseries and plantations in the Southern States—A. S. PECK, Washington, D. C.

Compilation of data on private forest planting—W. M. MOORE, Washington, D. C.

BRANCH OF GRAZING.

A. F. POTTER, Assistant Forester, in Charge.

OFFICE OF CONTROL.

L. F. KNEIPP, Chief (in the Field).

WILL C. BARNES, Acting Chief.

Allotment, WILL C. BARNES.

Adjustment, E. N. KAVANAGH.

Permits, Miss ANNA P. KOSCHWITZ.

OFFICE OF DEVELOPMENT.

C. H. ADAMS, Acting Chief.

Fences, C. H. ADAMS.

Forage, W. C. CLOS (in the Field).

Water, J. K. CAMPBELL (in the Field).

HENRY A. BERGH, Acting.

PROJECTS.

Forage investigations; compilation of data—F. V. COVILLE, Botanist, Bureau of Plant Industry, in charge, Washington, D. C.; JAMES T. JARDINE, Expert; ARTHUR T. SAMPSON, Expert; G. A. PEARSON, Forest Assistant, all at Washington, D. C.

Poisonous plant investigations—Prof. C. D. MARSH, Expert, Bureau of Plant Industry, in charge, Hugo, Colo.; IVAR TIDESTROM, Scientific Assistant, Washington, D. C.

BRANCH OF PRODUCTS.

WM. L. HALL, Assistant Forester, in Charge.

OFFICE OF WOOD UTILIZATION.

R. S. KELLOGG, Chief.

MEGARVIEY CLINE, Assistant Chief.

Computing, E. A. ZIEGLER.

Drafting, C. A. KOLB.

Wood Chemistry, H. S. BRISTOL.

Wood Uses, J. B. KNAPP, Acting.

PROJECTS.

California—

Tests of the strength of eucalyptus, redwood, and tanbark oak, in cooperation with the University of California and the Northwestern Redwood Company—L. E. HUNT, Berkeley; assistant, G. R. GESSERT.

Connecticut—

Timber tests, with special reference to the influence of method of drying on the strength of timber, in cooperation with Yale University—H. D. TIEMANN, Yale Station, New Haven; assistant, CORNELIUS BARRY.

Florida—

Turpentining experiments—P. D. EDMUNDS, Green Cove Springs.

Indiana—

Tests of structural timbers and a number of species of hickory, in cooperation with Purdue University—W. K. HATT, Lafayette; assistants, J. A. NEWLIN and J. O. BIXBY.

Washington—

Tests of western larch, treated Douglas fir, western hemlock, and National Forest woods, in cooperation with the Western Pine M'f'rs Ass'n, the Pacific Creosoting Co., the Pacific Coast Lmbr. M'f'rs Ass'n, and the University of Washington—O. P. M. Goss, University Station, Seattle; assistant, A. L. HEIM.

General Studies—

Washington office, timber tests—ROLF THELEN, in charge; assistants, T. W. VENEMANN and H. E. MCKENZIE.

Design of impact testing machine—ROLF THELEN, Washington, D. C.

Collection of statistics of forest products, in cooperation with the Bureau of the Census—A. H. PIERSON, Washington, D. C.; GEORGE K. SMITH, Lumbermen's Building, St. Louis, Mo.

Study of commercial processes of wood distillation—L. F. HAWLEY, Washington, D. C.

Study of chemical problems in wood utilization—ERNEST BATEMAN and E. SUTERMEISTER, both at Washington, D. C.; A. L. DEAN, 93 Broad street, Boston, Mass., and W. C. GEER, Akron, Ohio.

Studies in the heat conductivity of wood—FREDERICK DUNLAP, Washington, D. C.

Study of National Forest woods—H. B. HOLROYD and H. S. SACKETT, Washington, D. C.

Tests to determine fuel values of National Forest woods, in cooperation with the U. S. Geological Survey—H. S. BETTS, Washington, D. C.

Compilation of Forest tables—E. A. ZIEGLER; assistant, W. B. BARROWS, both at Washington, D. C.

OFFICE OF WOOD PRESERVATION.

CARL G. CRAWFORD, Chief.

W. F. SHERFESEE, Assistant Chief.

PROJECTS.**Alabama—**

Preservative treatment of fence posts and other farm timbers, in cooperation with the State Agricultural Experiment Stations—C. L. HILL, Auburn.

California—

Experiments in seasoning and treating telephone and other poles for electric wires, in cooperation with electric companies in southern California—O. T. SWAN, Hotel Sequoia, Fresno; assistant, W. H. KEMPFER, 212 South Grand avenue, Los Angeles.

Connecticut—

Experiments to ascertain the effects of live steam and vacuum on the moisture content and absorptive qualities of different kinds of wood—C. STOWELL SMITH, Yale Forest School, New Haven.

Louisiana—

Preservative treatment of fence posts and other farm timbers, in cooperation with the State Agricultural Experiment Stations—H. B. EASTMAN, Calhoun.

Pennsylvania—

Experiments in treating mine timbers, in cooperation with the Philadelphia and Reading Coal and Iron Company—JOHN M. NELSON, Jr., Washington, D. C.

General Studies--

Correlation of data on the preservative treatment of American and foreign woods—M. C. JENSEN, Washington, D. C.

Preparation of report on the laying of the test track, in cooperation with the Chicago and Northwestern Railway Company—H. A. PAUL, Washington, D. C.

OFFICE OF PUBLICATION.

FINDLEY BURNS, Chief.

Education, T. CLEVELAND, Jr.
Review, BRISTOW ADAMS.
Distribution, QUINCY R. CRAFT.

PUBLICATIONS IN FEBRUARY.

- Circular 127. Forest Tables—Western Yellow Pine.
- Circular 139. A Primer of Wood Preservation.
- Circular 142. Tests of Vehicle and Implement Woods.
- Circular 140. What Forestry Has Done.
- Sen. Doc. 91. Report of the Secretary of Agriculture on the Southern Appalachian and White Mountain Watersheds.

BRANCH OF OPERATION.

JAMES B. ADAMS, Assistant Forester, in Charge.
CHAS. S. CHAPMAN, Assistant Forester.
GEO. G. ANDERSON, Assistant in Office Methods.

OFFICE OF ACCOUNTS.

H. B. CRAMER, Fiscal Agent and Chief.
E. A. MELZAR, Assistant Chief.

- | | |
|--|---|
| Disbursement, GEORGE E. KING.
Bookkeeping, O. H. TIBBOTT. | Receipt, Miss MARY R. LATIMER
Appointment, Miss F. D. STRAUSE. |
|--|---|

OFFICE OF MAINTENANCE.

R. K. HELPHENSTINE, Jr., Chief.

- | | |
|---|--|
| Purchase, H. C. TOWERS.
Record, R. K. HELPHENSTINE, Jr.
Supplies, A. M. SMITH. | Photography, A. G. VARELA.
Property Auditor, J. G. FALCK. |
|---|--|

OFFICE OF LANDS.

A. C. RINGLAND, Chief.

- | | |
|--|--|
| Special Uses, M. J. McVEAN.
Claims, F. L. HARVEY.
Settlement, P. D. KELLETER, Acting. | Status, J. B. SATTERLEE.
Boundaries, H. O. STABLER. |
|--|--|

OFFICE OF ENGINEERING.

W. E. HERRING, Chief.
F. C. WALES.

OFFICE OF ORGANIZATION.

CLYDE LEAVITT, Chief (in the Field).
GEO. H. CECIL, Assistant Chief.

- H. W. THURSTON, Forest Supervisor, District 1.
- F. C. SPENCER, Forest Supervisor, District 2.
- C. H. HINDERER, Forest Supervisor, District 3.
- J. B. LAFFERTY, Forest Supervisor, District 4.
- F. H. HAFLEY, Forest Supervisor, District 5.
- G. F. ALLEN, Forest Supervisor, District 6.

NATIONAL FORESTS.

(Numerals following National Forests indicate Inspection Districts.)

ALASKA.

Afognak—W. A. LANGILLE, Forest Supervisor, Ketchikan. (6)**Alexander Archipelago**—W. A. LANGILLE, Forest Supervisor, Ketchikan. (6)**Chugach**—W. A. LANGILLE, Forest Supervisor, Ketchikan; HOWARD M. CONRAD, Deputy Forest Supervisor. (6)**Tongass**—W. A. LANGILLE, Forest Supervisor, Ketchikan. (6)

ARIZONA.

Baboquivari—ROSCOE G. WILLSON, Forest Supervisor, Nogales. (3)**Black Mesa (N.)**—ALEX. J. MAC KAY, Acting Forest Supervisor, Show Low. (3)**Black Mesa (S.)**—DRAYTON C. MARTIN, Acting Forest Supervisor, Springerville. (3)**Chiricahua**—C. T. McGLONE, Forest Supervisor, Douglas; H. D. BURRALL, Forest Assistant. (3)**Dragoon**—ROBERT J. SELKIRK, Forest Supervisor, Benson. (3)**Grand Canyon (N.)**—JOHN H. CLARK, Acting Forest Supervisor, Kanab, Utah; DANIEL K. JUDD, Deputy Forest Supervisor. (4)**Grand Canyon (S.)**—F. S. BREEN, Forest Supervisor, Flagstaff. (3)**Huachuca**—ROSCOE G. WILLSON, Forest Supervisor, Nogales. (3)**Mount Graham**—THEODORE T. SWIFT, Forest Supervisor, Safford. (3)**Prescott**—F. C. W. POOLER, Forest Supervisor, Prescott; A. H. ZACHAU, Deputy Forest Supervisor. (3)**San Francisco Mountains**—F. S. BREEN, Forest Supervisor, Flagstaff; WILLARD M. DRAKE, Forest Assistant. (3)**Santa Catalina**—ROBERT J. SELKIRK, Forest Supervisor, Benson. (3)**Santa Rita**—ROBERT J. SELKIRK, Forest Supervisor, Benson. (3)**Tonto (N.)**—W. H. REED, Forest Supervisor, Roosevelt. (3)**Tonto (S.)**—THEODORE T. SWIFT, Forest Supervisor, Safford.**Tumacacori**—ROSCOE G. WILLSON, Forest Supervisor, Nogales. (3)**Verde**—F. C. W. POOLER, Forest Supervisor, Prescott; A. H. ZACHAU, Deputy Forest Supervisor. (3)

ARKANSAS.

Arkansas—S. J. RECORD, Forest Supervisor, Fort Smith; J. E. KEACH, Forest Assistant. (3)

CALIFORNIA.

Diamond Mountain—L. A. BARRETT, Forest Supervisor, Quincy; L. A. H. KLING, Deputy Forest Supervisor. (5)**Inyo**—A. H. HOGUE, Forest Supervisor, Bishop; D. N. ROGERS, Forest Assistant. (5)**Klamath**—R. L. P. BIGELOW, Forest Supervisor, Yreka; C. J. BUCK, Deputy Forest Supervisor. (5)**Lassen Peak**—L. A. BARRETT, Forest Supervisor, Quincy; L. A. H. KLING, Deputy Forest Supervisor. (5)**Modoc**—C. E. RACHFORD, Forest Supervisor, Alturas; V. L. BONNER, Deputy Forest Supervisor. (5)**Monterey**—N. O. TORSTENSON, Forest Supervisor, Salinas. (5)**Pinnacles**—N. O. TORSTENSON, Forest Supervisor, Salinas. (5)**Plumas**—L. A. BARRETT, Forest Supervisor, Quincy; L. A. H. KLING, Deputy Forest Supervisor. (5)**San Benito**—N. O. TORSTENSON, Forest Supervisor, Salinas. (5)**San Bernardino**—R. H. CHARLTON, Forest Supervisor, Los Angeles. (5)**San Gabriel**—R. H. CHARLTON, Forest Supervisor, Los Angeles; Pasadena Planting Station—SEROPE Y. PARNAY, Forest Expert, Pasadena. (5)**San Jacinto**—H. A. E. MARSHALL, Forest Supervisor, Hemet; ARTHUR W. BARTLETT, Deputy Forest Supervisor. (5)**San Luis Obispo**—E. S. MAINWARING, Forest Supervisor, San Luis Obispo. (5)**Santa Barbara**—WILLIS M. SLOSSON, Forest Supervisor, Santa Barbara; H. G. MERRILL, Deputy Forest Supervisor; San Marcos Planting Station—B. R. H. D'ALLEMAND; Assistant, H. C. MUZZALL, Santa Barbara. (5)

- Shasta**—W. B. RIDER, Acting Forest Supervisor, Sisson. (5)
Sierra (E.)—A. H. HOGUE, Forest Supervisor, Bishop; D. N. ROGERS, Forest Assistant. (5)
Sierra (N.)—CHARLES H. SHINN, Forest Supervisor, Northfork; H. J. TOMPKINS, Forest Assistant. (5)
Sierra (S.)—W. B. GREELEY, Acting Forest Supervisor, Hot Springs; W. C. BURTON, Deputy Forest Supervisor; W. M. MAULE, Forest Assistant. (5)
Stanislaus—STUART J. FLINTHAM, Acting Forest Supervisor, Sonora. (5)
Stony Creek—ERNEST BRITTON, Forest Supervisor, Elk Creek. (5)
Tahoe—MADISON B. ELLIOTT, Forest Supervisor, Nevada City; M. B. PRATT, Forest Assistant. (5)
Trabuco Canyon—H. A. E. MARSHALL, Forest Supervisor, Hemet; ARTHUR W. BARTLETT, Deputy Forest Supervisor. (5)
Trinity—W. A. HUESTIS, Acting Forest Supervisor, Weaverville. (5)
Warner Mountains—C. E. RACHFORD, Forest Supervisor, Alturas; V. L. BONNER, Deputy Forest Supervisor. (5)

COLORADO.

- Battlement Mesa**—DAVID ANDERSON, Forest Supervisor, Collbran; JOHN W. LOWELL, jr., Deputy Forest Supervisor. (2)
Cochetopa—EUGENE WILLIAMS, Forest Supervisor, Saguache. (2)
Fruita—H. K. PORTER, Forest Supervisor, Delta; HENRY L. SPENCER, Deputy Forest Supervisor; J. H. RAMSKILL, Forest Assistant. (2)
Gunnison—WM. R. KREUTZER, Forest Supervisor, Gunnison; E. C. BERKY, Deputy Forest Supervisor. (2)
Holy Cross—HARRY H. FRENCH, Forest Supervisor, Glenwood Springs; JOHN McLAREN, Deputy Forest Supervisor; SWIFT BERRY, Forest Assistant. (2)
La Sal—ORRIN C. SNOW, Forest Supervisor, Moab, Utah. (2)
Las Animas—D. E. FITTON, Forest Supervisor, La Veta. (2)
Leadville—A. L. STROUP, Forest Supervisor, Leadville; J. F. BRUINS, Forest Assistant. (2)
Medicine Bow (Colo. Div.)—HERBERT N. WHEELER, Forest Supervisor, Estes Park. (2)
Montezuma—ERNEST W. SHAW, Forest Supervisor, Durango; C. M. GRANGER, Forest Assistant. (2)
Ouray—H. K. PORTER, Forest Supervisor, Delta; HENRY L. SPENCER, Deputy Forest Supervisor; J. H. RAMSKILL, Forest Assistant. (2)
Park Range—J. H. RATTLIFF, Acting Forest Supervisor, Steamboat Springs. (2)
Pikes Peak—C. W. FITZGERALD, Acting Forest Supervisor, Denver; W. J. MORRILL, Forest Assistant. (2)
San Isabel—C. J. STAHL, Forest Supervisor, West Cliffe. (2)
San Juan—A. A. PARKER, Acting Forest Supervisor, Monte Vista; P. T. COOLIDGE, Forest Assistant. (2)
Uncompahgre—H. K. PORTER, Forest Supervisor, Delta; HENRY L. SPENCER, Deputy Forest Supervisor; J. H. RAMSKILL, Forest Assistant. (2)
Wet Mountains—C. J. STAHL, Forest Supervisor, West Cliffe. (2)
White River—JAMES A. BLAIR, Forest Supervisor, Meeker; IRVING T. WORTHLEY, Forest Assistant. (2)

IDAHO.

- Bear River**—MARK G. WOODRUFF, Forest Supervisor, Logan, Utah; J. F. SQUIRS, Deputy Forest Supervisor. (4)
Big Hole (S.)—J. B. SEELY, Forest Supervisor, Sheridan, Mont. (1)
Bitter Root—F. A. FENN, Forest Supervisor, Kooskia. (1)
Cabinet (N.)—D. G. KINNEY, Forest Supervisor, Libby, Mont. (1)
Caribou—J. T. WEDEMEYER, Forest Supervisor, Idaho Falls. (4)
Cassia—WM. MCCOY, Acting Forest Supervisor, Pocatello. (4)
Coeur d'Alene—RICHARD H. RUTLEDGE, Forest Supervisor, Wallace; DORR SKEELS, Forest Assistant. (1)
Henry's Lake—HOMER E. FENN, Forest Supervisor, St. Anthony; FOSTER STEELF, Deputy Forest Supervisor; A. D. READ, Forest Assistant. (4)
Kootenai—D. G. KINNEY, Forest Supervisor, Libby, Mont. (1)
Lemhi—C. L. SMITH, Acting Forest Supervisor, Mackay. (4)
Palouse—RICHARD H. RUTLEDGE, Forest Supervisor, Wallace; DORR SKEELS, Forest Assistant. (1)
Payette—GUY B. MAINS, Forest Supervisor, Meadows. (4)
Pocatello—P. T. WRENSTED, Forest Supervisor, Pocatello. (4)

- Port Neuf**—P. T. WRENSTED, Forest Supervisor, Pocatello. (4)
Priest River—R. L. FROMME, Forest Supervisor, Newport, Wash. (1)
Raft River—Wm. MCCOY, Acting Forest Supervisor, Pocatello. (4)
Salmon River—GEORGE G. BENTZ, Forest Supervisor, Salmon City. (4)
Sawtooth (E.)—C. N. WOODS, Forest Supervisor, Hailey; H. G. MCPHETERS, Deputy Forest Supervisor. (4)
Sawtooth (W.)—EMIL GRANDJEAN, Forest Supervisor, Boise; O. M. BUTLER, Forest Assistant. (4)
Weiser—WALTER M. CAMPBELL, Acting Forest Supervisor, Weiser; C. G. SMITH, Forest Assistant. (4)
Yellowstone (Idaho Div.)—HOMER E. FENN, Forest Supervisor, St. Anthony; FOSTER STEELE, Deputy Forest Supervisor; A. D. READ, Forest Assistant. (4)

KANSAS.

- Garden City**—W. H. MAST, Acting Forest Supervisor, Halsey, Nebr. (2)

MINNESOTA.

- Minnesota**—G. E. MARSHALL, Forest Supervisor, Cass Lake. (2)

MONTANA.

- Big Belt**—D. W. MARYOTT, Acting Forest Supervisor, Townsend. (1)
Big Hole (Anaconda Div.)—CHARLES C. HALL, Forest Supervisor, Anaconda; P. S. LOVEJOY, Forest Assistant. (1)
Big Hole (N.)—C. K. WYMAN, Forest Supervisor, Dillon; ROBT. J. MOORE, Deputy Forest Supervisor. (1)
Big Hole (S.)—J. B. SEELY, Forest Supervisor, Sheridan. (1)
Bitter Root (Montana Div.)—ELERS KOCH, Forest Supervisor, Missoula; W. W. WHITE, Deputy Forest Supervisor; K. R. MACGUFFEY, Forest Assistant. (1)
Cabinet (N.)—D. G. KINNEY, Forest Supervisor, Libby. (1)
Cabinet (S.)—ROY HEADLEY, Forest Supervisor, Thompson Falls. (1)
Crazy Mountains—E. C. RUSSELL, Forest Supervisor, Livingston. (1)
Ekalaka—C. A. BALLINGER, Acting Forest Supervisor, Camp Crook, S. Dak. (2)
Elkhorn—D. W. MARYOTT, Acting Forest Supervisor, Townsend. (1)
Gallatin—DAVID CONKLING, Forest Supervisor, Bozeman. (1)
Helena—DWIGHT BUSHNELE, Forest Supervisor, Helena; M. N. STICKNEY, Forest Assistant. (1)
Hell Gate (E.)—CHARLES C. HALL, Forest Supervisor, Anaconda; P. S. LOVEJOY, Forest Assistant. (1)
Hell Gate (W.)—ELERS KOCH, Forest Supervisor, Missoula; W. W. WHITE, Deputy Forest Supervisor; K. R. MACGUFFEY, Forest Assistant. (1)
Highwood Mountains—JAMES G. THAIN, Forest Supervisor, Highwood. (1)
Kootenai—D. G. KINNEY, Forest Supervisor, Libby. (1)
Lewis and Clark (N.)—Wm. H. DAUGS, Acting Forest Supervisor, Kalispell. (1)
Lewis and Clark (S.)—PAGE S. BUNKER, Forest Supervisor; CHAS. E. SCHOONOVER, Deputy Forest Supervisor, Kalispell. (1)
Little Belt—R. W. STUART, Forest Supervisor, Great Falls. (1)
Little Rockies—JAMES G. THAIN, Forest Supervisor, Highwood. (1)
Lolo—ELERS KOCH, Forest Supervisor, Missoula; W. W. WHITE, Deputy Forest Supervisor; K. R. MACGUFFEY, Forest Assistant. (1)
Long Pine—C. A. BALLINGER, Acting Forest Supervisor, Camp Crook, S. Dak. (2)
Madison—J. B. SEELY, Forest Supervisor, Sheridan. (1)
Missoula—ELERS KOCH, Forest Supervisor, Missoula; W. W. WHITE, Deputy Forest Supervisor; K. R. MACGUFFEY, Forest Assistant. (1)
Otter—A. C. McCAIN, Forest Supervisor, Ashland. (1)
Pryor Mountains—JOHN H. RUFF, Acting Forest Supervisor; V. GIFFORD LANTRY, Jr., Deputy Forest Supervisor, Cody, Wyo.; C. N. WHITNEY, Forest Assistant. (1)
Snowy Mountains—R. W. STUART, Forest Supervisor, Great Falls. (1)
Yellowstone (Absaroka Div.)—E. C. RUSSELL, Forest Supervisor, Livingston. (1)

NEBRASKA.

- Dismal River**—W. H. MAST, Acting Forest Supervisor, Halsey. (2)
Niobrara—W. H. MAST, Acting Forest Supervisor, Halsey; H. R. SHOCKLEY, Deputy Forest Supervisor. (2)
North Platte—W. H. MAST, Acting Forest Supervisor, Halsey. (2)

NEVADA.

- Charleston**—HARRY E. MATHEWS, Acting Forest Supervisor, Las Vegas. (4)
Independence—C. SYDNEY TREMEWAN, Acting Forest Supervisor, Elko. (4)
Monitor—DAVID BARNETT, Acting Forest Supervisor, Austin. (4)
Ruby Mountains—C. SYDNEY TREMEWAN, Acting Forest Supervisor, Elko. (4)
Tahoe—M. B. ELLIOTT, Forest Supervisor, Nevada City, Cal.; M. B. PRATT, Forest Assistant. (5)
Toiyabe—DAVID BARNETT, Acting Forest Supervisor, Austin. (4)
Toquima—DAVID BARNETT, Acting Forest Supervisor, Austin. (4)
Vegas—HARRY E. MATHEWS, Acting Forest Supervisor, Las Vegas. (4)

NEW MEXICO.

- Big Burros**—W. H. GODDARD, Acting Forest Supervisor, Silver City; DOUGLAS RODMAN, Forest Assistant. (3)
Gallinas—J. H. KINNEY, Forest Supervisor, Capitan. (3)
Gila (N.)—JOHN KERR, Forest Supervisor, Magdalena; R. F. BALTHIS, Forest Assistant. (3)
Gila (S.)—W. H. GODDARD, Acting Forest Supervisor, Silver City; DOUGLAS RODMAN, Forest Assistant. Fort Bayard Planting Station—W. B. HADLEY, Forest Assistant, Fort Bayard. (3)
Guadalupe—ARTHUR M. NEAL, Acting Forest Supervisor, Alamogordo; L. L. JANES, Forest Assistant. (3)
Jemez—Ross McMILLAN, Forest Supervisor, Santa Fe; THOS. R. STEWART, Deputy Forest Supervisor; ELWOOD I. TERRY, Forest Assistant. (3)
Lincoln—J. H. KINNEY, Forest Supervisor, Capitan. Fort Stanton Planting Station—H. C. TURNER, Fort Stanton. (3)
Magdalena—JOHN KERR, Forest Supervisor, Magdalena; R. F. BALTHIS, Forest Assistant. (3)
Manzano—HUGH H. HARRIS, Forest Supervisor, Albuquerque. (3)
Mount Taylor—HUGH H. HARRIS, Forest Supervisor, Albuquerque. (3)
Pecos River—Ross McMILLAN, Forest Supervisor, Santa Fe; THOS. R. STEWART, Deputy Forest Supervisor; ELWOOD I. TERRY, Forest Assistant. Las Gallinas Planting Station—W. D. HAYES, East Las Vegas. (3)
Peloncillo—C. T. McGLOON, Forest Supervisor, Douglas, Ariz.; H. D. BURRALL, Forest Assistant. (3)
Sacramento—ARTHUR M. NEAL, Acting Forest Supervisor, Alamogordo; L. L. JANES, Forest Assistant. (3)
San Mateo—JOHN KERR, Forest Supervisor, Magdalena; R. F. BALTHIS, Forest Assistant. (3)
Taos—Ross McMILLAN, Forest Supervisor, Santa Fe; THOS. R. STEWART, Deputy Forest Supervisor; ELWOOD I. TERRY, Forest Assistant. (3)

OKLAHOMA.

- Wichita**—FRANK RUSH, Acting Forest Supervisor, Cache. (3)

OREGON.

- Ashland**—M. J. ANDERSON, Forest Supervisor, Grants Pass; HUGH M. GUTHRIE, Deputy Forest Supervisor; N. F. MACDUFF, First Assistant. (6)
Blue Mountains (E.)—HENRY IRELAND, Forest Supervisor, Sumpter. (6)
Blue Mountains (Malheur)—CY. J. BINGHAM, Acting Forest Supervisor, John Day. (6)
Blue Mountains (W.)—A. S. IRELAND, Forest Supervisor, Prineville. (6)
Bull Run—R. B. WILSON, Forest Supervisor, Portland. (6)
Cascade (N.)—R. B. WILSON, Forest Supervisor, Portland. (6)
Cascade (S.)—S. C. BARTRUM, Forest Supervisor, Roseburg; SAMUEL S. SWENNING and J. ROY HARVEY, Deputy Forest Supervisors; H. N. HALE, Forest Assistant. (6).
Coquille—M. J. ANDERSON, Forest Supervisor, Grants Pass; HUGH M. GUTHRIE, Deputy Forest Supervisor; N. F. MACDUFF, Forest Assistant. (6)
Fremont—GUY M. INGRAM, Forest Supervisor, Lakeview; G. D. BROWN, Deputy Forest Supervisor. (6)
Goose Lake—GUY M. INGRAM, Forest Supervisor, Lakeview; G. D. BROWN, Deputy Forest Supervisor. (6)
Heppner—THOMAS E. CHIDSEY, Forest Supervisor, Heppner. (6)
Imnaha—HOWARD K. O'BRIEN, Forest Supervisor, Wallowa; HARVEY W. HARRIS, Deputy Forest Supervisor. (6)

- Siskiyou**—M. J. ANDERSON, Forest Supervisor, Grants Pass; HUGH M. GUTHRIE, Deputy Forest Supervisor; N. F. MACDUFF, Forest Assistant. (6)
Tillamook—C. R. SEITZ, Forest Supervisor, Eugene. (6)
Umpqua—C. R. SEITZ, Forest Supervisor, Eugene. (6)
Wenaha—J. M. SCHMITZ, Forest Supervisor, Walla Walla, Wash.; H. D. FOSTER, Forest Assistant. (6)

PORTO RICO.

- Luquillo**—MAX. ROTKUGEL, Acting Forest Supervisor, San Juan. (3)

SOUTH DAKOTA.

- Black Hills**—E. M. HAMILTON, Acting Forest Supervisor, Deadwood; ARTHUR E. LYNN, Deputy Forest Supervisor; H. C. NEEL and JOHN MURDOCH, Jr., Forest Assistants. (2)
Cave Hills—C. A. BALLINGER, Acting Forest Supervisor, Camp Crook. (2)
Short Pine—C. A. BALLINGER, Acting Forest Supervisor, Camp Crook. (2)
Slim Buttes—C. A. BALLINGER, Acting Forest Supervisor, Camp Crook. (2)

UTAH.

- Aquarius**—GEORGE H. BARNEY, Forest Supervisor, Escalante. (4)
Bear River—MARK G. WOODRUFF, Forest Supervisor, Logan; J. F. SQUIRES, Deputy Supervisor. (4)
Beaver—WILLIAM HURST, Forest Supervisor, Beaver. (4)
Dixie—CHARLES G. Y. HIGGINS, Forest Supervisor, St. George. (4)
Fillmore—WILLIAM HURST, Forest Supervisor, Beaver. (4)
Fish Lake—N. E. SNELL, Forest Supervisor, Salina. (4)
Glenwood—N. E. SNELL, Forest Supervisor, Salina. (4)
Grantsville—C. F. COOLEY, Forest Supervisor, Grantsville. (4)
La Sal—ORRIN C. SNOW, Forest Supervisor, Moab. (2)
Manti—A. W. JENSEN, Forest Supervisor, Ephraim. (4)
Monticello—ORRIN C. SNOW, Forest Supervisor, Moab. (2)
Payson—DAN S. PACK, Forest Supervisor, Payson. (4)
Raft River—WM. MCCOY, Acting Forest Supervisor, Pocatello, Idaho. (4)
Salt Lake—E. H. CLARKE, Forest Supervisor, Salt Lake City; Wasatch Planting Station—N. J. FETHEROLF. (4)
Sevier—TIMOTHY C. HOYT, Forest Supervisor, Panguitch. (4)
Uinta—WILLARD I. PACK, Forest Supervisor, Provo; D. S. MARSHALL, Deputy Forest Supervisor; WM. M. ANDERSON, Deputy Forest Supervisor. (4)
Vernon—C. F. COOLEY, Forest Supervisor, Grantsville. (4)
Wasatch—E. H. CLARKE, Forest Supervisor, Salt Lake City. (4)

WASHINGTON.

- Colville**—W. W. CRYDER, Forest Supervisor, Republic. (6)
Olympic—FRED HANSON, Forest Supervisor, Hoodspoint. (6)
Priest River—R. L. FROMME, Forest Supervisor, Newport. (1)
Rainier—CHAS. H. PARK, Acting Forest Supervisor, Orting; F. B. KELLOGG, Forest Assistant. (6)
Washington (Chelan Div.)—G. W. MILHAM, Forest Supervisor, Chelan. (6)
Washington (W.)—G. B. COLEMAN, Forest Supervisor, Sumas; B. P. KIRKLAND, Forest Assistant. (6)
Washington (Wenatchee Div.)—C. H. FLORY, Acting Forest Supervisor, Wenatchee. (6)
Wenaha—J. M. SCHMITZ, Forest Supervisor, Walla Walla; H. D. FOSTER, Forest Assistant. (6)

WYOMING.

- Big Horn**—W. E. JACKSON, Forest Supervisor, Big Horn. (1)
Caribou—J. T. WEDEMEYER, Forest Supervisor, Idaho Falls, Idaho. (4)
Crow Creek—J. W. NELSON, Forest Supervisor, Saratoga; JAMES BLACKHALL, Deputy Forest Supervisor; R. A. STRETCH and JOHN H. BRIDGES, Forest Assistant. (2)
Medicine Bow (Wyo. Div.)—J. W. NELSON, Forest Supervisor, Saratoga; R. A. STRETCH and JOHN H. BRIDGES, Forest Assistants. (2)
Sierra Madre—J. W. NELSON, Forest Supervisor, Saratoga; JAMES BLACKHALL, Deputy Forest Supervisor; R. A. STRETCH and JOHN H. BRIDGES, Forest Assistants. (2)
Sundance—G. C. SMITH, Acting Forest Supervisor, Sundance, Wyo. (2)
Uinta—WILLARD I. PACK, Forest Supervisor, Provo, Utah; D. S. MARSHALL and WM. M. ANDERSON, Deputy Forest Supervisors. (4)

Yellowstone (Shoshone Div.) JOHN H. RUFF, Acting Forest Supervisor, Cody; C. N. WHITNEY, Forest Assistant. (1)
Yellowstone (Teton Div.)—ROBT. E. MILLER, Forest Supervisor, Jackson. (4)
Yellowstone (Wind River Div.)—ZEPH JONES, Acting Forest Supervisor, Pine-dale. (4)

SERVICE CHANGES IN FEBRUARY.

APPOINTED.

Products—

WOOD PRESERVATION: CARLILE P. WINSLOW, Expert.

Operation—

ACCOUNTS: H. B. CRAMER, Fiscal Agent and Chief.

LANDS: S. L. GILLAN, Expert Miner.

PROMOTED.

Forester—

LAW: G. S. ARNOLD, Expert.

Operation—

LANDS: ARTHUR C. RINGLAND, Chief of Lands.

MAINTENANCE: RUFUS K. HELPHENSTINE, Jr., Chief of Maintenance.

CHANGES IN DESIGNATION.

Forester—

LAW: GEORGE F. POLLOCK, Principal Examiner.

Silviculture—

EDWARD E. CARTER, Assistant Forester.

Operation—

MANAGEMENT: EARLE H. CLAPP, Chief of Management.

ACCOUNTS: E. A. MELZAR, Assistant Chief; GEORGE E. KING, in Charge of Disbursement.

Products—

PUBLICATION: BRISTOW ADAMS, in Charge of Review; QUINCY R. CRAFT, in Charge of Distribution.

RESIGNED.

Silviculture—

MANAGEMENT: JEREMIAH REBMANN, Forest Assistant.

Operation—

ENGINEERING: E. R. HARRISON, Constructing Civil Engineer.

ORGANIZATION: THOMAS HOGAN, Forest Supervisor.

FURLoughed.

Operation—

MAINTENANCE: HERMON C. METCALF, Chief.

SERVICE NOTES FOR MARCH.

These notes contain instructions and necessary information for Forest officers, and will, therefore, be carefully read and kept on file for reference.

OFFICE OF THE FORESTER.

Promise Record and Follow-Up System—

A system of recording promises and following up matters involving future action has been devised and will be put in operation as soon as instructions now in preparation can be issued. By this system the method of filing promise and reminder cards in use in the Washington office will be extended to the offices of chief inspectors and supervisors, and to all regular field headquarters of the Forest Service except rangers' headquarters, where desk calendars will be used. A convenient method is provided for keeping record of requests made for report or other action.

The equipment for the promise-card record will be the standard office promise-card box, daily and monthly time guides, 3 by 5 inches, and white cards, 3 by 5 inches. The same equipment will be used in the follow-up system, with the addition of printed cards to accompany papers sent into the field for report. Chief inspectors and supervisors who have not already been supplied with promise-card boxes and the accompanying white cards and daily and monthly time guides should make requisition for them at once.

LAW.

Trespass—

The decision in the case of *United States v. Shannon* (see Use Book, p. 210) rendered March 18, 1907, by the United States circuit court for Montana, was affirmed on February 3 by the circuit court of appeals, ninth circuit.

Complaint was filed on February 11 by the United States attorney for Colorado against John C. Teller, of Denver, Colo., the Union Pacific Railroad, and the Carbon Timber Company for \$363,795, the value of 921,000 railroad ties which are alleged to have been cut in trespass upon the Medicine Bow National Forest, Wyoming.

BRANCH OF SILVICULTURE.

OFFICE OF FOREST MANAGEMENT.

Payments in Timber Sales—

Regulation 26 of The Use Book, as well as all timber sale contracts which have not been formally modified, requires that the timber shall be paid for in advance of cutting. In sales in which a bond has been given it is necessary that payments be kept well in advance of the actual cutting, in order that there may be no danger of relieving the sureties from liability. Payments should be checked by supervisors upon the receipt of cutting reports from the field. The attention of Forest officers is particularly directed to the fact that the actual cut, rather than the amount of timber scaled, should be the basis for the deposits, since in many contracts the amount of timber cut necessarily exceeds, to a considerable extent, the amount scaled.

Approval of Timber Sale Contracts—

In timber sales in which a bond is not required and the new form of contract (Form 202, revised January, 1908) is issued, the words in the approval clause, "Subject to proper execution by purchaser," should be stricken out, and the contract should not be approved until properly executed by the purchaser. When a bond is required, the contract and bond should be approved, subject to proper execution by the purchaser, and the purchaser and sureties should be required to execute the bond and contract on the same day.

Location in Advertised Sales—

In describing the location of the timber to be included in advertised Class B and Class C sales, it is essential that, whether the land is surveyed or unsurveyed, the location be given with reference to watershed or some well-known natural objects, as well as by the legal or approximate legal subdivision, so that if by any chance a mistake is made in naming the subdivision it will not be necessary to readyvertise the timber.

Letters of Transmittal—

The original and duplicate of the letter of transmittal for the first payment in Class A sales should bear the name of the Forest officer who approves the sale. Under Regulation 24, page 63, of The Use Book, all Forest officers whom the supervisor may designate, with the approval of the Forester, are authorized to make Class A sales of green and dead timber.

Notice of Closure—

Form 629, Notice of Closure, has been canceled. Timber sale, timber trespass, timber settlement, and sawmill cases will be closed by a letter instead of by Form 629.

Reports of Timber Cut—

From the reports of inspectors and the files in the timber sales office, it seems that many supervisors do not have a routine method of knowing whether cutting reports are being submitted when due. In many of the Class A and B sales, cutting reports have not been submitted, though the time allowed for the cutting and removal of the timber has long since expired. Every timber sale contract allows a definite time for the cutting or removal of the timber. In unadvertised sales, the supervisor should make a promise card which should be so filed in the promise card box, that he may call the case to the attention of the Forest officer in charge, a short time after the expiration of the contract, and request him to submit a report of timber cut, or make definite recommendation as to what action should be taken in the case. The supervisor may, of course, require reports from the Forest officer in charge of the sale, at such intervals as he may deem necessary, but only one report is required by the Forester. In advertised sales, reports should be submitted to the Forester covering periods of 1, 2, 3, or 4 weeks, as may be required by the supervisor. (See page 91 of The Use Book, and instructions on Form 820.) Having decided how often reports will be required, the supervisor should, if necessary in order to call it to his attention, make promise cards from time to time to see whether the reports are being submitted as required. When the cutting is suspended in sales above \$100, the supervisor should notify the Forester of this fact, and also of the probable time when cutting will be resumed, in order that the records in the Washington office may show the correct status of the sale.

Snags on Cut-over Stands—

The presence of old snags on cut-over stands is often a serious menace to the Forest, constituting the worst enemy the Forest officer has to contend with in burning brush or in fighting forest fires. Whenever the presence of snags is considered a menace to reproduction or gives the Forest an unsightly appearance, supervisors may stipulate that they be cut on any timber sale which they may recommend. The applicant should definitely understand that these snags are to be cut, whether they contain merchantable timber or not, if such an agreement is made. In many prospective sales it is possible that a slight reduction in the stumpage price should be considered, in order to effect the cutting of these snags where they are numerous.

Seizure or Recaption—

The right of seizure, or, more correctly speaking, of recaption, is the right of a person to retake his property in a peaceable manner wherever he finds it. Since the United States has the same common-law rights and remedies as a private individual, it follows that the Government and its agents have the same right of recaption as an individual. Forest officers may, without special instructions, seize timber and other National Forest property wherever found, even though found upon patented land, whenever it can be done peaceably and is necessary to prevent its being sold or destroyed. It should be seized in all cases while still upon Government land. When a civil suit has been instituted and a case is in the hands of the Department of Justice, Forest officers should make seizures only under instructions of the Forester, except in cases in which an immediate seizure is necessary to prevent the Government from loss. In general, no seizure should be made while civil suit is pending, since the United States, having the choice of recaption or suit in the courts of law, has chosen the latter.

Timber may be seized, although manufactured into lumber and in the hands of an innocent trespasser and upon patented land.

Buildings and other improvements upon Government or patented land, erected from timber cut in trespass from Government land, should not be seized, unless by instruction of the Forester, since, in a permanent improvement of this nature, there is no need of immediate action until the full facts have been investigated.

Timber and other property which does not belong to the Government should not be seized (1) whether upon patented or (2) Government land. The only exception to this rule is where a trespasser wrongfully commingles timber and other property of the Government with that of his own, in which case either the whole mass may be seized, and held until the amount taken from Government land is ascertained, or if the amount taken from Government land is known, the Forest officer may seize an equal amount of the commingled mass.

OFFICE OF SILVICS.

Annual Silvical Reports—

Several requests have recently been received from supervisors for copies of the 1906 silvical report of the technical assistant. While such reports will gladly be supplied when missing from the local files, the work of copying involves considerable loss of time in the office. Supervisors are therefore requested to have a number of carbon copies made of the report for 1908, and to retain at least one of these on file at the National Forest headquarters for future reference.

BRANCH OF GRAZING.

Affidavits in Cases of Grazing Trespass—

The attention of all Forest Officers is called to the necessity of using great care in the preparation of affidavits that are intended to be used in the prosecution of persons who have violated any of the rules and regulations for the protection and care of the National Forests.

Affidavits are declarations in writing and should contain only a definite statement of the facts as witnessed by the person swearing to the affidavit. Affidavits based on hearsay are valueless.

An affidavit is not admissible in court as direct evidence, but can be used in rebuttal. It can be readily seen that to be of any value at all an affidavit must be clear cut, positive, and to the point, and should not contain anything based on second-hand information, or that has an indirect bearing on the case. The affidavit should be complete in itself and should be so worded that it will not be necessary, in order to make the meaning clear, to add or take away anything.

For example: "I saw 10 head of cattle belonging to John Jones on the Manzano National Forest on or about January 10." This statement is insufficient because it does not state the reasons for knowing the cattle were the property of John Jones, or that the person making the statement knew positively that the cattle were on the Manzano National Forest; neither does it state anything positive regarding the date. The same statement correctly worded would read: "I saw 10 head of cattle branded X-X on the left side, within the Manzano National Forest on Cougar Creek and approximately 4 miles from the west boundary line of said Forest on January 10. The X-X brand is the property of John Jones." If the person making the affidavit is conversant with the facts in the case, the additional statement may be added that the cattle were trespassing on the Forest.

The above example should be followed in making out affidavits, the wording being changed to suit the conditions in the case.

The correct affidavit in full would read:

ALBUQUERQUE, NEW MEXICO,
February 18, 1908.

COUNTY OF BERNALILLO; Territory of New Mexico, ss:

Fred Black, being duly sworn, deposes and says: I saw ten head of cattle branded X-X on the left side, within the Manzano National Forest on Cougar Creek and approximately 4 miles from the west boundary line of said forest, on January 10, 1908. The X-X brand is the property of John Jones.

(Signed)

FRED BLACK.

Sworn to and subscribed before me, H. H. Harris, a forest supervisor in the Forest Service, U. S. Department of Agriculture, this eighteenth day of February, 1908.

(Signed)

H. H. HARRIS.

Grazing and Mining Claims—

Persons who are in legal possession of unperfected valid mining claims have the right to use such portion of the grass and other forage as is needed for grazing live stock used in the development of the claims, but they have no right to dispose of the grass or forage to any other person, or to collect any rental for the use of such claims for grazing purposes.

The Forest Service holds that unperfected valid mining claims are open to stock grazed, under permit, upon National Forests so long as the stock does not interfere with the proper and legal development of the claim. Persons holding unperfected

valid mining claims may, without permit, fence such portion of their claims as may be needed for pasturing live stock used in the mineral development of such claims. The construction of drift or pasture fences across such claims should not be allowed when objected to by the claimant, except in cases of urgent necessity and then only after report to and specific instructions from the Forester.

The owners of patented mining claims are in full possession of the lands and are entitled to every use allowed the owners or lessees of any other patented land, but no permit must be issued under the provisions of Regulation 58 allowing stock to be grazed free of charge in exchange for the use of unperfected mining claims.

Any attempt to use mining claims to control grazing or to get revenue from the lease or sale of grazing rights should be reported to the Forester in accordance with the instructions in this issue under claims.

Pastures for Milch and Work Animals—

In cases where the circumstances warrant it, inclosures may, under the provisions of Regulation 62, be allowed when needed for the proper handling of stock grazed free of charge, the same as for stock grazed under permit. However, inclosures for stock exempt from grazing fees should not be of greater area than is needed for ten head of milch or work animals. From 40 to 80 acres will be sufficient in most cases, and whenever a larger area than this is allowed, the supervisor should give good reasons for such action in his report upon the case.

When an application for an inclosure as above is forwarded to the Forester, the supervisor should always state that the applicant has no grazing permit, but that he is entitled to graze the stock under the provisions of Regulation 42.

BRANCH OF OPERATION.

OFFICE OF MAINTENANCE.

Photographs and Photographic Equipment—

Notice should be sent to the Forester of the transfer in the field of all films, notebooks, cameras, or other photographic equipment.

When films are developed in the field, they should be numbered on the border in pencil to correspond with the notebook number. An exact record is kept in the Section of Photography of all films issued from Washington or bought in the field, and it is absolutely essential that these films, without exception, be returned to the Washington office. This applies to blank or defective films, as well as to successful exposures.

Under the special authorization covering the developing and printing of films in the field in connection with agricultural settlement work, under the act of June 11, 1906, much confusion has resulted from the practice of attaching films to reports on Form 110, instead of using prints. When it is not possible to furnish prints with reports, reference will be made to the numbers on the films.

Each page of an inventory, invoice of, or receipt for property (Form 939) should be signed, as in the case of requisitions for supplies and photographic equipment.

OFFICE OF LANDS.

Advertising Listed Lands—

The Department of the Interior has resumed advertising tracts of land listed under the act of June 11, 1906. A copy of each notice sent by the Secretary of the Interior to the local land officials will be supplied to the Forester, who will forward it at once to the supervisor of the National Forest involved, to complete his records.

Second Homestead Entries—

The attention of supervisors and field officers is called to the following act of Congress providing for second homestead entries:

AN ACT Providing for second homestead entries.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That any person who, prior to the passage of this act, has made entry under the homestead laws, but from any cause has lost, forfeited, or abandoned the same, shall be entitled to the benefits of the homestead law as though such former entry had not been made, and any person applying for a second homestead under this act shall furnish the description and date of his former entry: *Provided*, That the provisions of this act shall not apply to any person whose former entry was canceled for fraud, or who relinquished the former entry for a valuable consideration.

Approved, February 8, 1908.

Claims—

In the case of *Patton v. Quackenbush* (35 L. D., 561) it is held by the Secretary of the Interior as follows:

The fact that lands may be chiefly valuable for the timber thereon does not exclude them from settlement and entry under the homestead law, but it must clearly appear that the settlement or entry upon such lands was made in good faith for the purpose of making the tract a home; and where the entryman in such case submits commutation proof and pays a price to cut short the period of residence required by the homestead law, he invites scrutiny and challenges judgment as to the good faith of his entry.

Supervisors and Forest officers will take note of this ruling, and in making reports upon homestead squatter claims or homestead entries will be careful to state every fact and circumstance that tends to show the good or bad faith of the claimant. In this connection attention is called to the note under **claims** in the Field Program for February. While it is true that the homestead law does not require residence on the land after final proof, yet where it is asserted that such land is claimed *as and for a home*, the fact that claimant does not return to it after final proof has a bearing on the good faith of such claim or entry, especially in a case where the claim has upon it a considerable or heavy stand of timber.

The supervisors should take the first opportunity to examine the decision of the Secretary of the Interior in the case of *Patton v. Quackenbush*, dated May 9, 1907, and found in 35 L. D., 562 and following. The facts in this case show a colorable compliance with the Homestead Law and an effort to perfect, by commutation proof, a homestead entry for its timber.

The land contained 11,000,000 feet of timber, worth \$1 a thousand. The evidence showed that the land would only be worth \$20 per acre after the removal of the tim-

ber, and that it would cost \$200 an acre to fell the trees and remove the logs and brush, leaving the stumps. The claimant had fenced about one-fourth of an acre and had spent two-thirds of his time upon the land. There was a habitable cabin and a shed upon the claim and some trail work. After reciting these facts the Secretary held:

Taking into consideration the value of the timber and quality of the soil as shown by preponderant competent testimony, the meager residence and improvements, in view of his financial ability, the early final proof and termination of such residence, and the fact that claimant never had a domestic animal or fowl on this land or otherwise indicated an intention of permanently residing thereon, the Department is unable to find in the record any facts on which to base a holding that the entry was made in good faith, for a home, and not for speculative purposes, to dispose of the timber on the land.

The Secretary also held that while the law does not require a claimant to return to the land after proof, the fact that he did not do so had a bearing upon his good faith.

Supervisors should be careful to preserve, in a convenient way, so that ready reference may be made to them, the published notes under the heading of **Claims** in the Field Program from month to month.

A new blank form of report is to be issued shortly for reporting on timber and stone entries. This form will be made comprehensive and especially adapted to reports on such claims. Until its issue and distribution to field officers, reports on timber and stone entries should continue to be made on Form 655, using an insert sheet if necessary.

In making final proof, the timber and stone entryman, under the regulations of the General Land Office, and in accordance with the statement made in his application, for purchase, must state that he made a personal examination of each and every legal subdivision of the tract for which he applies. He is also required to state the date and the circumstances under which such examination was made.

As far as possible, Forest officers in reporting on timber and stone claims should ascertain whether the claimant made such personal examination of the land, taking into account the physical characteristics of the ground, whether mountainous or steep, and its nearness to traveled roads or trails, and the distance from the claimant's place of residence, where that residence can be ascertained.

Supervisors and other Forest officers will please take note of the following decision by the Acting Secretary of the Interior, in the case of *Grand Canyon Railway Company v. Cameron*, which is found reported in 36 L. D., page 66.

The decision holds that—

Lands belonging to the United States can not be lawfully located or title thereto, by patent, legally obtained under the mining laws for purposes or uses foreign to those of mining or the development of minerals; and should it be shown in the case of an application for mineral patent that the claims applied for are not located in good faith for mining purposes, but for the purpose of securing control of a trail upon lands belonging to the United States, susceptible of such control by reason of the surrounding physical conditions, so as to place the claimant in a position to charge for the privilege of using the trail, and thereby to prevent the free and unrestricted use thereof by the public, such claims would be fraudulent from their inception, and patents thereto could not be obtained under the mining laws.

The decision further declares, as a matter of law, that—

The Government is a party in interest in every case involving the disposal of the public lands, and when such lands are sought to be acquired under any of the public-land laws it is not only within the power but it is the duty of the Land Department to see that the lands are disposed of according to law, and not in violation or evasion of the law.

This case arose from charges preferred by the Grand Canyon Railway Company against Cameron to the effect, among other things, that certain mining and mill-site locations acquired by Cameron were not held in good faith and for the purpose of mining or milling, but were located with a view of controlling a certain trail leading into the Grand Canyon of the Colorado River; that Cameron, on the claims located by him, had erected certain buildings which he devoted to the entertainment of tourists for hire, and that he charged such tourists a fee for the use of the trail.

Supervisors will specially report to the Forester every case of any use of a mining claim other than its development as a mine, or, if a mill site, any use other than for mining or milling purposes.

Form Letter for Applicants—

The following form letter has been adopted and will be inclosed with all letters informing applicants, under the act of June 11, 1906, that a portion of their claim has been favorably reported upon and will be listed if they so desire:

----- (Date)

The FORESTER,
Forest Service,
Washington, D. C.

DEAR SIR: In reply to your letter with reference to my application under the act of June 11, 1906, for land in the ----- National Forest.

I desire to exercise my homestead right upon that portion of the tract applied for by me which has been favorably reported upon, and request that it be listed with the Secretary of the Interior to be opened to settlement and entry.

Very truly yours,
Applicant -----
Address, P. O. -----
County -----
State -----

I do not desire to exercise my homestead right upon the tract which has been recommended for listing, and hereby withdraw my application.

Very truly yours,
Applicant -----
Address, P. O. -----
County -----
State -----

(NOTE.—If the applicant does not desire to accept the area recommended, he may, after signing the withdrawal on the right-hand side of this page, submit a new application for the examination of land elsewhere in the National Forest.)

Special Uses—

Free agriculture permits, act of June 11, 1906.—It is extremely important that free agricultural special-use permits issued to applicants under the act of June 11, 1906, be confined to so much of the land applied for as, in the opinion of the supervisor, is chiefly valuable for agriculture. The instructions in The Use Book on this point, page 51, are very clear, but in many instances have not been followed by the supervisors. Many applications under the act of June 11, 1906, cover nonagricultural land which obviously should not be listed. Agricultural special-use permits, whether free or for charge, must never cover lands upon which the forest conditions should not be disturbed, since the permittees should of course be freely allowed to clear the land to the extent necessary for cultivation. In a number of cases supervisors have failed to confine the permits to lands chiefly valuable for agriculture, and have then recommended timber trespass proceedings against the permittees, who began clearing for cultivation. Such inconsistent action must of course be avoided.

Rangers' copies of special-use permits.—Inspectors' reports show that rangers, as a rule, have no copies of special-use permits issued before the present practice was established of making "Rangers' copies" when preparing agreements (The Use Book, pp. 46 and 47). Rangers should have copies of all existing special-use permits in their respective districts, and should be supplied as soon as practicable with copies necessary to complete their files.

Boundaries—

A proclamation, adding 350,471 acres to the Trinity National Forest, California, was signed February 3, and on February 18 a proclamation was signed, which added 570,800 acres to the Modoc National Forest, California, and brought the total area of this Forest up to 859,018 acres.

Changes in Salary Allotments—

Letters regarding changes in the salary allotments are now issued by the Office of Organization, and supervisors will make the necessary changes in their journal of expenses upon the receipt of "OO" letters and not await the receipt of "OA" letters. This change is necessary to prevent duplication of work in the Washington office.

SERVICE ORDERS.

SERVICE ORDER 12.

Use of Intoxicants.

The excessive use of intoxicants by members of the Forest Service is a bar to their efficiency, and will be dealt with as such. Even moderate drinking by inspectors on field duty and by officers of the National Forests and of the Washington office in attendance upon official gatherings and elsewhere can do the Service no good, and in not a few cases has done harm. It is not competent for the Forest Service to require total abstinence. It does, however, strongly discountenance drinking by men upon official duty, and it will take the necessary action whenever the dignity of a man's office or the effectiveness of his work is reduced thereby. There is no more effective way in which officers of the Service can strengthen this order than by their own example.

GIFFORD PINCHOT, *Forester.*

O

(23)

U. S. Department of Agriculture

Issued March 31, 1908.

United States Department of Agriculture,
FOREST SERVICE.

GIFFORD PINCHOT, Forester.

FIELD PROGRAM FOR APRIL, 1908.

This program of field work and assignments in the Forest Service is issued monthly. The names of members whose assignments are not yet fixed, and reference to projects for which plans have not been matured, are necessarily omitted.

It is requested that the members of the Forest Service cooperate in making this program complete and accurate. Information concerning errors or omissions, and changes of project or of address for the following month, should be sent by members to the offices of their respective chiefs not later than the 20th of the month.

Unless the address of a member is given in this program or is definitely known, he should be addressed in care of the Forest Service, Washington, D. C.

OFFICE OF THE FORESTER.

GIFFORD PINCHOT, Forester.
OVERTON W. PRICE, Associate Forester.

HARRY L. HILL, Secretary to the Forester.

P. P. WELLS, Law Officer.

A. C. SHAW,
GEORGE F. POLLOCK, } Principal Examiners.

HERBERT A. SMITH, Editor.
GEORGE B. SUDWORTH, Dendrologist.

INSPECTION.

FORESTER AND ASSOCIATE FORESTER.

Inspection District 1.—Montana, Northern Idaho, and Northern Wyoming.

E. A. SHERMAN, Chief Inspector, Missoula, Mont.

Inspectors: P. G. REDINGTON, F. A. SILCOX, and R. Y. STUART, all at Missoula, Mont.

Inspection District 2.—Colorado, Southern Wyoming, South Dakota, Nebraska, Kansas, Southeastern Montana, and Southeastern Utah.

SMITH RILEY, Chief Inspector, Denver, Colo.

Inspectors: R. P. IMES, S. L. MOORE, F. W. MORRELL, and T. D. WOODBURY, all at Denver, Colo.

Inspection District 3.—Arizona, New Mexico, and Oklahoma.

D. D. BRONSON, Chief Inspector, Albuquerque, N. Mex.

Inspectors: T. S. WOOLSEY, Jr., W. R. MATTOON, and A. O. WAHA, all at Albuquerque, N. Mex.

Inspection District 4.—Utah, Southern Idaho, Western Wyoming, Eastern Nevada, and Northern Arizona.

R. E. BENEDICT, Chief Inspector, Salt Lake City, Utah.

Inspectors: J. M. FETHEROLF, Washington, D. C.; W. W. CLARK, L. L. WHITE, and F. W. REED, all at Salt Lake City, Utah.

Inspection District 5.—California and Western Nevada.

F. E. OLMS TED, Chief Inspector, San Francisco, Cal.

Inspectors: COERT DU BOIS, J. H. HATTON, WM. C. HODGE, Jr., G. W. PEAVY, and S. J. FLINTHAM, all at San Francisco, Cal.

Inspection District 6.—Washington, Oregon, and Alaska.

E. T. ALLEN, Chief Inspector, Portland, Oreg.

Inspectors: W. H. B. KENT and F. E. AMES, both at Portland, Oreg.; M. L. ERICKSON, Washington, D. C.

E. S. BRUCE, *Expert Lumberman and Special Inspector*, in the Office of the Forester.

Inspection of logging on Indian Reservations—E. M. GRIFFITH, *Special Inspector*, Madison, Wis.

BRANCH OF SILVICULTURE.

WILLIAM T. COX, Assistant Forester, in Charge.
E. E. CARTER, Assistant Forester.

OFFICE OF FOREST MANAGEMENT.

E. H. CLAPP, Chief.
W. G. WEIGLE, Assistant Chief.
Timber Sales, G. M. HOMANS.

TIMBER SALE CORRESPONDENCE.

District 1—J. E. BARTON.

District 2—D. T. MASON.

District 3—F. N. HAINES.

District 4—E. GRANDJEAN.

District 5—C. P. WILBER.

District 6—J. BENTLEY, Jr.

Trespass—FRED LEES, G. W. HOLLAND, and HARRY IRION.

TEMPORARY ASSIGNMENTS.

(Under the direction of supervisors.)

Forest examiner, P. T. HARRIS, Helena, Mont.

Forest assistants.

J. ST. J. BENEDICT, Townsend, Mont.
 C. S. JUDD, Quincy, Cal.
 L. S. MURPHY, Livingston, Mont.
 J. F. PRESTON, Great Falls, Mont.

W. B. PIPER, Bozeman, Mont.
 C. E. DUNSTON, Chelan, Wash.
 J. D. WARNER, Libby, Mont.
 R. M. MACMURRAY, Kalispell, Mont.

Lumbermen.

J. S. BAIRD, Cass Lake, Minn.
 M. BURNS, Cass Lake, Minn.
 GEO. P. GREGG, Keystone, Wyo.
 W. S. UHLER, Livingston, Mont.

A. J. NORTON, Kalispell, Mont.
 J. P. HUGHES, Medford, Oreg.
 W. R. MCKINNON, Cass Lake, Minn.

Forest agents.

G. S. KEARNEY, Townsend, Mont. | G. E. SAWYER, Helena, Mont.

Forest Atlas, F. G. PLUMMER.

Reconnaissance, A. B. RECKNAGEL.

PROJECTS.**Arizona—**

Estimate and working plan for Black Mesa, San Francisco Mountains, and Grand Canyon (S) National Forests—FRANK VOGEL, Flagstaff; assistants, GEORGE L. COTT and D. W. ADAMS.

New Mexico—

Working plan for Manzano National Forest—G. P. BARD, Albuquerque.
 Collecting data for volume and growth tables—LOUIS MARGOLIN, Washington, D. C.

Federal Cooperation, A. K. CHITTENDEN.

PROJECTS.**California—**

Estimate for Hoopa Valley Indian Reservation, in cooperation with the Indian Service—I. F. ELDREDGE, D. C. A. GALARNEAU, W. F. ANDREWS, and N. B. ECKBO, all at Hoopa.

Michigan and Wisconsin—

Timber work on Indian reservations—E. A. BRANIFF, Green Bay, Wis.; assistants, J. A. HOWARTH and W. E. LA FOUNTAIN.

New Mexico—

Supervision of cutting, Fort Wingate Military Reservation, in cooperation with the War Department—NELSON LE GRAND, Guam.

State and Private Cooperation, J. G. PETERS, Acting.

PROJECTS.**Alabama—**

Timber land examination—Prof. R. F. MACKINTOSH, Auburn.

Eastern States—

Examination of wood lots and timber tracts—WESLEY BRADFIELD, Washington, D. C.

Maine—

Forest conditions—AUSTIN CARY, Brunswick.

Mississippi—

Study of forest conditions, in cooperation with the State Geological Survey—J. S. HOLMES, Washington, D. C., and GEORGE L. CLOTHIER, Jackson.

Montana—

Study of forest lands, in cooperation with the Northern Pacific Railway Company—KARL W. WOODWARD, Ashland.

OFFICE OF SILVICS.

RAPHAEL ZON, Chief.

Field Studies, W. W. ASHE, Acting.

PROJECTS.

Colorado—

Study of insect-infested timber in Colorado National Forests, in cooperation with the Bureau of Entomology (Forest Insect Investigations, A. D. Hopkins, in charge)—**W. D. EDMONDSTON**, Colorado Springs, Colo.

Eastern States—

Study of second growth yellow poplar—**W. W. ASHE**, Washington, D. C.

Study of the hickories—**A. T. BOISEN**; assistant, **C. G. BATES**, Washington, D. C.

New Hampshire—

Examination of established permanent sample plots—**J. H. FOSTER**, Keene.

Northeastern States—

Study of the birches—**S. T. DANA**, Washington, D. C.

General—

Study of the soil and moisture requirements of trees—**E. R. HODSON**, Washington, D. C.

Study of the methods of determining the light requirements of trees—**G. A. PEARSON**, Washington, D. C.

Library, H. E. STOCKBRIDGE.

Compilation, E. H. FROTHINGHAM.

OFFICE OF EXTENSION.

SAMUEL N. SPRING, Chief.

Planting, L. C. MILLER (in the Field).
E. C. CLIFFORD, Acting.

TEMPORARY ASSIGNMENTS.

(Nursery and planting work under the direction of supervisors.)

Pikes Peak Planting Station.—**J. F. KÜMMEL**, Monument, Colo.

Pocatello Planting Station.—**G. B. MACDONALD**, Pocatello, Idaho.

Garden City Planting Station.—**A. E. OMAN**, Garden City, Kans.

Reconnaissance, W. H. von BAYER.

PROJECT.

Investigations of storage and germination of forest tree seeds preliminary to experimental work at planting stations, and in cooperation with nurserymen.

Cooperation, A. S. PECK (in the Field).
C. A. KUPFER, Acting.

Correspondence.—Advice on private forest planting—**C. A. Kupfer**.

PROJECTS.

Examination of nurseries and plantations in the Southern States—**A. S. PECK**, Washington, D. C.

Compilation of data on private forest planting—**W. M. MOORE**, Washington, D. C.

BRANCH OF GRAZING.

A. F. POTTER, Assistant Forester, in Charge.

OFFICE OF CONTROL.

L. F. KNEIPP, Chief (in the Field).

WILL C. BARNES, Acting Chief.

Allotment, WILL C. BARNES.

Adjustment, E. N. KAVANAGH.

Permits, Miss ANNA P. KOSCHWITZ.

OFFICE OF DEVELOPMENT.

J. K. CAMPBELL, Acting Chief.

Fences, C. H. ADAMS (in the Field).

Forage, W. C. CLOS (in the Field).

Water, J. K. CAMPBELL.

PROJECTS.

Forage investigations; compilation of data—F. V. COVILLE, Botanist, Bureau of Plant Industry, in charge, Washington, D. C.; JAMES T. JARDINE, Expert, Wallowa, Oreg.; ARTHUR T. SAMPSON, Expert, Washington, D. C.

Poisonous plant investigations—Prof. C. D. MARSH, Expert, Bureau of Plant Industry, in charge, Hugo, Colo.; IVAR TIDESTROM, Scientific Assistant, Washington, D. C.

Extermination of prairie dogs—H. L. BENHAM, Forest Guard, in charge, Denver, Colo.

BRANCH OF PRODUCTS.

WM. L. HALL, Assistant Forester, in Charge.

In attendance at Ranger Meetings in 3rd District—R. S. KELLOGG.

OFFICE OF WOOD UTILIZATION.

R. S. KELLOGG, Chief (in the Field).

MCGARVEY CLINE, Assistant Chief.

Computing, W. B. BARROWS, Acting.

Wood Chemistry, H. S. BRISTOL.

Drafting, C. A. KOLB.

Wood Uses, H. S. BETTS.

PROJECTS.

California—

Tests of the strength of eucalyptus, redwood, and tanbark oak, in cooperation with the University of California and the Northwestern Redwood Company—L. E. HUNT, Berkeley; assistant, G. R. GESSERT.

Connecticut—

Timber tests, with special reference to the influence of method of drying on the strength of timber, in cooperation with Yale University—H. D. TIEMANN, Yale Station, New Haven; assistant, CORNELIUS BARRY.

Florida—

Turpentining experiments—P. D. EDMUNDS, Green Cove Springs.

Indiana—

Tests of structural timbers and a number of species of hickory, in cooperation with Purdue University—W. K. HATT, Lafayette; assistants, J. A. NEWLIN and J. O. BIXBY.

Washington—

Tests of western larch, treated Douglas fir, western hemlock, and National Forest woods, in cooperation with the Western Pine M'f'rs Ass'n, the Pacific Creosoting Co., the Pacific Coast L'br. M'f'rs Ass'n, and the University of Washington—O. P. M. Goss, University Station, Seattle; assistant, A. L. HEIM.

General Studies—

Washington office, timber tests—ROLF THELEN, in charge; assistants, T. W. VENEMANN and H. E. MCKENZIE.

Design of impact testing machine, and plans for Washington timber-testing laboratory—ROLF THELEN, Washington, D. C.

Collection of statistics of forest products, in cooperation with the Bureau of the Census—A. H. PIERSON, Washington, D. C.; GEORGE K. SMITH, Lumbermen's Building, St. Louis, Mo.

Study of commercial processes of wood distillation—L. F. HAWLEY, Washington, D. C.

Study of chemical problems in wood utilization—ERNEST BATEMAN and E. SUTER-MEISTER, both at Washington, D. C.; and A. L. DEAN, 93 Broad street, Boston, Mass.

Studies in the heat conductivity of wood—FREDERICK DUNLAP, Washington, D. C.

Compilation of Forest tables—W. B. BARROWS, Washington, D. C.

Study of markets and prices—C. L. HILL, H. B. HOLROYD, and H. S. SACKETT, all at Washington, D. C.; FRANKLIN H. SMITH, Chicago, Ill.

Report on properties and uses of Douglas fir—J. B. KNAPP, Washington, D. C.

OFFICE OF WOOD PRESERVATION.

[CARL G. CRAWFORD, Chief.]
W. F. SHERFESEE, Assistant Chief.

Railroad and mine timbers, JOHN M. NELSON, Jr.

Research, HOWARD F. WEISS.

Farm timbers, C. STOWELL SMITH.

National Forest timbers, WALTER R. WHEATON.

PROJECTS.**California—**

Experiments in seasoning and treating telephone and other poles for electric wires, in cooperation with electric companies in southern California—O. T. SWAN, Hotel Sequoia, Fresno; assistant, W. H. KEMPFER, 212 South Grand avenue, Los Angeles.

Idaho—

Experiments in treating mine timbers, in cooperation with the Bunker Hill and Sullivan Mining and Concentrating Company—H. A. PAUL, care S. A. EASTON, Kellogg.

Louisiana—

Preservative treatment of fence posts and other farm timbers, in cooperation with the State Agricultural Experiment Stations—H. B. EASTMAN, Washington, D. C.

Pennsylvania—

Experiments in treating mine timbers, in cooperation with the Philadelphia and Reading Coal and Iron Company—JOHN M. NELSON, Jr., Washington, D. C.

General Studies—]

Correlation of data on the preservative treatment of American and foreign woods—M. C. JENSEN, Washington, D. C.

Preparation of plans for proposed wood preservation laboratory—H. F. WEISS, Washington, D. C.

Designs for proposed open-tank timber-treating plants for the National Forests—C. P. WINSLOW, PAUL M. PAINE, and GEORGE G. OGIER, all at Washington, D. C.

Study of methods of designing and operating treating plants—CHARLES T. BARNUM, Washington, D. C.

OFFICE OF PUBLICATION.

FINDLEY BURNS. Chief.

Education, T. CLEVELAND, Jr.
Review, BRISTOW ADAMS.
Distribution, QUINCY R. CRAFT.

PUBLICATIONS IN MARCH.

- Bulletin 77. Forest Products of the United States: 1906.
- Circular 141. Wood paving in the United States.
- Circular 143. The relation of the Southern Appalachian Mountains to Inland Water Navigation.
- Circular 144. The relation of the Southern Appalachian Mountains to the Development of Water Power.
- Circular 145. Forest Planting on the Northern Prairies.

BRANCH OF OPERATION.

JAMES B. ADAMS, Assistant Forester, in Charge.
CHAS. S. CHAPMAN, Assistant Forester.
GEO. G. ANDERSON, Assistant in Office Methods.

OFFICE OF ACCOUNTS.

H. B. CRAMER, Fiscal Agent and Chief.
E. A. MELZAR, Assistant Chief.

Audit, GEORGE E. KING. Bookkeeping, O. H. TIBBOTT.	Receipt, Miss MARY R. LATIMER. Appointment, Miss F. D. STRAUSE.
---	--

OFFICE OF MAINTENANCE.

R. K. HELPHENSTINE, Jr., Chief.

Purchase, H. C. TOWERS. Record, R. K. HELPHENSTINE, Jr. Supplies, A. M. SMITH.	Photography, A. G. VARELA. Property Audit, J. G. FALCK.
---	--

OFFICE OF LANDS.

A. C. RINGLAND, Chief.

Special Uses, M. J. McVEAN. Claims, F. L. HARVEY. Settlement, P. D. KELLETER, Acting.	Status, J. B. SATTERLEE. Boundaries, H. O. STABLER.
--	--

OFFICE OF ENGINEERING.

W. E. HERRING, Chief (in the Field).
F. C. WALES, Acting Chief.

Field Headquarters, Ogden, Utah.
A. T. MITCHELSON, Acting Chief.

OFFICE OF ORGANIZATION.

CLYDE LEAVITT, Chief.
GEO. H. CECIL, Assistant Chief.

D. G. KINNEY, Forest Supervisor, District 1.
F. C. SPENCER, Forest Supervisor, District 2.
W. G. GODDARD, Deputy Forest Supervisor, District 3.
A. W. JENSEN, Forest Supervisor, District 4.
F. H. HAFLEY, Forest Supervisor, District 5.
G. F. ALLEN, Forest Supervisor, District 6.

NATIONAL FORESTS.

(Numerals following National Forests indicate Inspection Districts.)

ALASKA.

- Afognak**—W. A. LANGILLE, Forest Supervisor, Ketchikan. (6)
Alexander Archipelago—W. A. LANGILLE, Forest Supervisor, Ketchikan. (6)
Chugach—W. A. LANGILLE, Forest Supervisor, Ketchikan; HOWARD M. CONRAD, Deputy Forest Supervisor. (6)
Tongass—W. A. LANGILLE, Forest Supervisor, Ketchikan. (6)

ARIZONA.

- Baboquivari**—ROSCOE G. WILLSON, Forest Supervisor, Nogales. (3)
Black Mesa (N.)—ALEX. J. MACKAY, Acting Forest Supervisor, Show Low. (3)
Black Mesa (S.)—DRAYTON C. MARTIN, Acting Forest Supervisor, Springerville. (3)
Chiricahua—C. T. McGLONE, Forest Supervisor, Douglas; H. D. BURRALL, Forest Assistant. (3)
Dragoon—ROBERT J. SELKIRK, Forest Supervisor, Benson. (3)
Grand Canyon (N.)—JOHN H. CLARK, Acting Forest Supervisor, Kanab, Utah; DANIEL K. JUDD, Deputy Forest Supervisor. (4)
Grand Canyon (S.)—F. C. W. POOLER, Forest Supervisor, Flagstaff. (3)
Huachuca—ROSCOE G. WILLSON, Forest Supervisor, Nogales. (3)
Mount Graham—THEODORE T. SWIFT, Forest Supervisor, Safford. (3)
Prescott—C. H. HINDERER, Forest Supervisor, Prescott; A. H. ZACHAU, Deputy Forest Supervisor. (3)
San Francisco Mountains—F. C. W. POOLER, Forest Supervisor, Flagstaff; WILLARD M. DRAKE, Forest Assistant. (3)
Santa Catalina—ROBERT J. SELKIRK, Forest Supervisor, Benson. (3)
Santa Rita—ROBERT J. SELKIRK, Forest Supervisor, Benson. (3)
Tonto (N.)—W. H. REED, Forest Supervisor, Roosevelt. (3)
Tonto (S.)—THEODORE T. SWIFT, Forest Supervisor, Safford.
Tumacacori—ROSCOE G. WILLSON, Forest Supervisor, Nogales. (3)
Verde—C. H. HINDERER, Forest Supervisor, Prescott; A. H. ZACHAU, Deputy Forest Supervisor. (3)

ARKANSAS.

- Arkansas**—S. J. RECORD, Forest Supervisor, Fort Smith; J. E. KEACH, Forest Assistant. (3)
Ozark—S. J. RECORD, Forest Supervisor, Fort Smith; J. E. KEACH, Forest Assistant. (3)

CALIFORNIA.

- Diamond Mountain**—L. A. BARRETT, Forest Supervisor, Quincy; L. A. H. KLING, Deputy Forest Supervisor. (5)
Inyo—A. H. HOGUE, Forest Supervisor, Bishop; D. N. ROGERS, Forest Assistant. (5)
Klamath—R. L. P. BIGELOW, Forest Supervisor, Yreka; F. W. HARLEY, Deputy Supervisor; R. G. POND, Forest Assistant. (5)
Lassen Peak—L. A. BARRETT, Forest Supervisor, Quincy; L. A. H. KLING, Deputy Forest Supervisor. (5)
Modoc—C. E. RACHFORD, Forest Supervisor, Alturas; V. L. BONNER, Deputy Forest Supervisor. (5)
Monterey—N. O. TORSTENSON, Forest Supervisor, Salinas. (5)
Pinnacles—N. O. TORSTENSON, Forest Supervisor, Salinas. (5)
Plumas—L. A. BARRETT, Forest Supervisor, Quincy; L. A. H. KLING, Deputy Forest Supervisor. (5)
San Benito—N. O. TORSTENSON, Forest Supervisor, Salinas. (5)
San Bernardino—R. H. CHARLTON, Forest Supervisor, Los Angeles. (5)
San Gabriel—R. H. CHARLTON, Forest Supervisor, Los Angeles; Pasadena Planting Station—SEROPE Y. PARNAy, Forest Planting Assistant, San Bernardino. (5)
San Jacinto—H. A. E. MARSHALL, Forest Supervisor, Hemet; ARTHUR W. BARTLETT, Deputy Forest Supervisor. (5)
San Luis Obispo—E. S. MAINWARING, Forest Supervisor, San Luis Obispo. (5)
Santa Barbara—WILLIS M. SLOSSON, Forest Supervisor, Santa Barbara; H. G. MERRILL, Deputy Forest Supervisor; Assistant, H. C. MUZZALL, Santa Barbara. (5)

- Shasta**—W. B. RIDER, Acting Forest Supervisor, Sisson; R. F. HAMMATT, Forest Assistant. (5)
Sierra (E.)—A. H. HOGUE, Forest Supervisor, Bishop; D. N. ROGERS, Forest Assistant. (5)
Sierra (N.)—CHARLES H. SHINN, Forest Supervisor, Northfork; H. J. TOMPKINS, Forest Assistant. (5)
Sierra (S.)—W. B. GREELEY, Forest Supervisor, Hot Springs; W. C. BURTON, Deputy Forest Supervisor; W. M. MAULE, Forest Assistant. (5)
Stanislaus—STUART J. FLINTHAM, Acting Forest Supervisor, Sonora; R. W. AYRES, Forest Assistant. (5)
Stony Creek—ERNEST BRITTEN, Forest Supervisor, Elk Creek. (5)
Tahoe—MADISON B. ELLIOTT, Forest Supervisor, Nevada City; M. B. PRATT, Forest Assistant. (5)
Trabuco Canyon—H. A. E. MARSHALL, Forest Supervisor, Hemet; ARTHUR W. BARTLETT, Deputy Forest Supervisor. (5)
Trinity—W. A. HUESTIS, Acting Forest Supervisor, Weaverville. (5)
Warner Mountains—C. E. RACHFORD, Forest Supervisor, Alturas; V. L. BONNER, Deputy Forest Supervisor. (5)

COLORADO.

- Battlement Mesa**—DAVID ANDERSON, Forest Supervisor, Collbran; JOHN W. LOWELL, jr., Deputy Forest Supervisor. (2)
Cochetopa—EUGENE WILLIAMS, Forest Supervisor, Saguache. (2)
Fruita—H. K. PORTER, Forest Supervisor, Delta; HENRY L. SPENCER, Deputy Forest Supervisor; J. H. RAMSKILL, Forest Assistant. (2)
Gunnison—WM. R. KREUTZER, Forest Supervisor, Gunnison; E. C. BERKY, Deputy Forest Supervisor. (2)
Holy Cross—HARRY H. FRENCH, Forest Supervisor, Glenwood Springs; JOHN McLAREN, Deputy Forest Supervisor; SWIFT BERRY, Forest Assistant. (2)
La Sal—ORRIN C. SNOW, Forest Supervisor, Moab, Utah. (2)
Las Animas—D. E. FITTON, Forest Supervisor, La Veta. (2)
Leadville—A. L. STROUP, Forest Supervisor, Leadville; J. F. BRUINS, Forest Assistant. (2)
Medicine Bow (Colo. Div.)—HERBERT N. WHEELER, Forest Supervisor, Estes Park. (2)
Montezuma—ERNEST W. SHAW, Forest Supervisor, Durango; C. M. GRANGER, Forest Assistant. (2)
Ouray—H. K. PORTER, Forest Supervisor, Delta; HENRY L. SPENCER, Deputy Forest Supervisor; J. H. RAMSKILL, Forest Assistant. (2)
Park Range—J. H. RATLIFF, Acting Forest Supervisor, Steamboat Springs. (2)
Pikes Peak—C. W. FITZGERALD, Acting Forest Supervisor, Denver; W. J. MORRILL, Deputy Forest Supervisor. (2)
San Isabel—C. J. STAHL, Forest Supervisor, West Cliffe. (2)
San Juan—A. A. PARKER, Acting Forest Supervisor, Monte Vista; P. T. COOLIDGE, Forest Assistant. (2)
Uncompahgre—H. K. PORTER, Forest Supervisor, Delta; HENRY L. SPENCER, Deputy Forest Supervisor; J. H. RAMSKILL, Forest Assistant. (2)
Wet Mountains—C. J. STAHL, Forest Supervisor, West Cliffe. (2)
White River—JAMES A. BLAIR, Forest Supervisor, Meeker; IRVING T. WORTHLEY, Forest Assistant. (2)

IDAHO.

- Bear River**—MARK G. WOODRUFF, Forest Supervisor, Logan, Utah; J. F. SQUIRES, Deputy Forest Supervisor. (4)
Big Hole (S.)—J. B. SEELY, Forest Supervisor, Sheridan, Mont. (1)
Bitter Root—F. A. FENN, Forest Supervisor, Kooskia. (1)
Cabinet (N.)—GLEN A. SMITH, Acting Forest Supervisor, Libby, Mont. (1)
Caribou—J. T. WEDEMEYER, Forest Supervisor, Idaho Falls. (4)
Cassia—WM. MCCOY, Acting Forest Supervisor, Oakley. (4)
Coeur d'Alene—RICHARD H. RUTLEDGE, Forest Supervisor, Wallace; DORR SKEELS, Forest Assistant. (1)
Henry's Lake—HOMER E. FENN, Forest Supervisor, St. Anthony; FOSTER STEELE, Deputy Forest Supervisor. (4)
Kootenai—GLEN A. SMITH, Acting Forest Supervisor, Libby, Mont. (1)
Lemhi—C. L. SMITH, Acting Forest Supervisor, Mackay. (4)

- Palouse**—RICHARD H. RUTLEDGE, Forest Supervisor, Wallace; DORR SKEELS, Forest Assistant. (1)
- Payette**—GUY B. MAINS, Forest Supervisor, Meadows. (4)
- Pocatello**—P. T. WRENSTED, Forest Supervisor, Pocatello. (4)
- Port Neuf**—P. T. WRENSTED, Forest Supervisor, Pocatello. (4)
- Priest River**—R. L. FROMME, Forest Supervisor, Newport, Wash. (1)
- Raft River**—WM. MCCOY, Acting Forest Supervisor, Oakley. (4)
- Salmon River**—GEORGE G. BENTZ, Forest Supervisor, Salmon City. (4)
- Sawtooth (E.)**—C. N. WOODS, Forest Supervisor, Hailey; H. G. MCPHETERS, Deputy Forest Supervisor. (4)
- Sawtooth (W.)**—O. M. BUTLER, Acting Forest Supervisor, Boise. (4)
- Weiser**—J. B. LAFFERTY, Forest Supervisor, Weiser; WALTER M. CAMPBELL, Deputy Forest Supervisor; C. G. SMITH, Forest Assistant. (4)
- Yellowstone (Idaho Div.)**—HOMER E. FENN, Forest Supervisor, St. Anthony; FOSTER STEELE, Deputy Forest Supervisor. (4)

KANSAS.

- Garden City**—W. H. MAST, Acting Forest Supervisor, Halsey, Nebr.; H. R. SHOCKLEY, Deputy Forest Supervisor. (2)

MINNESOTA.

- Minnesota**—G. E. MARSHALL, Forest Supervisor, Cass Lake. (2)

MONTANA.

- Big Belt**—D. W. MARYOTT, Acting Forest Supervisor, Townsend. (1)
- Big Hole (Anaconda Div.)**—CHARLES C. HALL, Forest Supervisor, Anaconda; P. S. LOVEJOY, Forest Assistant. (1)
- Big Hole (N.)**—C. K. WYMAN, Forest Supervisor, Dillon; ROBT. J. MOORE, Deputy Forest Supervisor. (1)
- Big Hole (S.)**—J. B. SEELEY, Forest Supervisor, Sheridan. (1)
- Bitter Root (Montana Div.)**—ELERS KOCH, Forest Supervisor, Missoula; W. W. WHITE, Deputy Forest Supervisor; K. R. MACGUFFEY, Forest Assistant. (1)
- Cabinet (N.)**—GLEN A. SMITH, Acting Forest Supervisor, Libby. (1)
- Cabinet (S.)**—ROY HEADLEY, Forest Supervisor, Thompson Falls. (1)
- Crazy Mountains**—E. C. RUSSELL, Forest Supervisor, Livingston. (1)
- Ekalaka**—C. A. BALLINGER, Acting Forest Supervisor, Camp Crook, S. Dak. (2)
- Elkhorn**—D. W. MARYOTT, Acting Forest Supervisor, Townsend. (1)
- Gallatin**—DAVID CONKLING, Forest Supervisor, Bozeman. (1)
- Helena**—DWIGHT BUSHNELL, Forest Supervisor, Helena; M. N. STICKNEY, Forest Assistant. (1)
- Hell Gate (E.)**—CHARLES C. HALL, Forest Supervisor, Anaconda; P. S. LOVEJOY, Forest Assistant. (1)
- Hell Gate (W.)**—ELERS KOCH, Forest Supervisor, Missoula; W. W. WHITE, Deputy Forest Supervisor; K. R. MACGUFFEY, Forest Assistant. (1)
- Highwood Mountains**—JAMES G. THAIN, Forest Supervisor, Highwood. (1)
- Kootenai**—GLEN A. SMITH, Acting Forest Supervisor, Libby. (1)
- Lewis and Clark (N.)**—WM. H. DAUGS, Acting Forest Supervisor, Kalispell. (1)
- Lewis and Clark (S.)**—PAGE S. BUNKER, Forest Supervisor; CHAS. E. SCHOONOVER, Deputy Forest Supervisor, Kalispell. (1)
- Little Belt**—R. W. STUART, Forest Supervisor, Great Falls. (1)
- Little Rockies**—JAMES G. THAIN, Forest Supervisor, Highwood. (1)
- Lolo**—ELERS KOCH, Forest Supervisor, Missoula; W. W. WHITE, Deputy Forest Supervisor; K. R. MACGUFFEY, Forest Assistant. (1)
- Long Pine**—C. A. BALLINGER, Acting Forest Supervisor, Camp Crook, S. Dak. (2)
- Madison**—J. B. SEELEY, Forest Supervisor, Sheridan. (1)
- Missoula**—ELERS KOCH, Forest Supervisor, Missoula; W. W. WHITE, Deputy Forest Supervisor; K. R. MACGUFFEY, Forest Assistant. (1)
- Otter**—A. C. McCAIN, Forest Supervisor, Ashland. (1)
- Pryor Mountains**—H. W. THURSTON, Forest Supervisor; V. GIFFORD LANTRY, Jr., Deputy Forest Supervisor, Cody, Wyo.; C. N. WHITNEY, Forest Assistant. (1)
- Snowy Mountains**—R. W. STUART, Forest Supervisor, Great Falls. (1)
- Yellowstone (Absaroka Div.)**—E. C. RUSSELL, Forest Supervisor, Livingston. (1)

NEBRASKA.

- Dismal River**—W. H. MAST, Acting Forest Supervisor, Halsey; H. R. SHOCKLEY, Deputy Forest Supervisor. (2)
Niobrara—W. H. MAST, Acting Forest Supervisor, Halsey; H. R. SHOCKLEY, Deputy Forest Supervisor. (2)
North Platte—W. H. MAST, Acting Forest Supervisor, Halsey; H. R. SHOCKLEY, Deputy Forest Supervisor. (2)

NEVADA.

- Charleston**—HARRY E. MATHEWS, Acting Forest Supervisor, Las Vegas. (4)
Independence—C. SYDNEY TREMEWAN, Acting Forest Supervisor, Elko. (4)
Monitor—DAVID BARNETT, Acting Forest Supervisor, Austin. (4)
Ruby Mountains—C. SYDNEY TREMEWAN, Acting Forest Supervisor, Elko. (4)
Tahoe—M. B. ELLIOTT, Forest Supervisor, Nevada City, Cal.; M. B. PRATT, Forest Assistant. (5)
Toiyabe—DAVID BARNETT, Acting Forest Supervisor, Austin. (4)
Toquima—DAVID BARNETT, Acting Forest Supervisor, Austin. (4)
Vegas—HARRY E. MATHEWS, Acting Forest Supervisor, Las Vegas. (4)

NEW MEXICO.

- Big Burros**—DOUGLAS RODMAN, Acting Forest Supervisor, Silver City. (3)
Gallinas—J. H. KINNEY, Forest Supervisor, Capitan. (3)
Gila (N.)—JOHN KERR, Forest Supervisor, Magdalena; R. F. BALTHIS, Forest Assistant. (3)
Gila (S.)—DOUGLAS RODMAN, Acting Forest Supervisor, Silver City. Fort Bayard Planting Station—W. B. HADLEY, Forest Assistant, Fort Bayard; H. C. TURNER and A. HEDRICKS, Planting Assistants. (3)
Guadalupe—ARTHUR M. NEAL, Acting Forest Supervisor, Alamogordo; L. L. JANES, Forest Assistant. (3)
Jemez—ROSS McMILLAN, Forest Supervisor, Santa Fe; THOS. R. STEWART, Deputy Forest Supervisor; ELWOOD I. TERRY, Forest Assistant. (3)
Lincoln—J. H. KINNEY, Forest Supervisor, Capitan. (3)
Magdalena—JOHN KERR, Forest Supervisor, Magdalena; R. F. BALTHIS, Forest Assistant. (3)
Manzano—A. D. READ, Acting Forest Supervisor, Albuquerque. (3)
Mount Taylor—A. D. READ, Acting Forest Supervisor, Albuquerque. (3)
Pecos River—ROSS McMILLAN, Forest Supervisor, Santa Fe; THOS. R. STEWART, Deputy Forest Supervisor; ELWOOD I. TERRY, Forest Assistant. Las Gallinas Planting Station—W. D. HAYES, East Las Vegas. (3)
Peloncillo—C. T. McGLONE, Forest Supervisor, Douglas, Ariz.; H. D. BURRALL, Forest Assistant. (3)
Sacramento—ARTHUR M. NEAL, Acting Forest Supervisor, Alamogordo; L. L. JANES, Forest Assistant. (3)
San Mateo—JOHN KERR, Forest Supervisor, Magdalena; R. F. BALTHIS, Forest Assistant. (3)
Taos—ROSS McMILLAN, Forest Supervisor, Santa Fe; THOS. R. STEWART, Deputy Forest Supervisor; ELWOOD I. TERRY, Forest Assistant. (3)

OKLAHOMA.

- Wichita**—FRANK RUSH, Acting Forest Supervisor, Cache. (3)

OREGON.

- Ashland**—M. J. ANDERSON, Forest Supervisor, Grants Pass; HUGH M. GUTHRIE, Deputy Forest Supervisor; N. F. MACDUFF, Forest Assistant. (6)
Blue Mountains (E.)—HENRY IRELAND, Forest Supervisor, Sumpter. (6)
Blue Mountains (Malheur)—CY. J. BINGHAM, Acting Forest Supervisor, John Day. (6)
Blue Mountains (W.)—A. S. IRELAND, Forest Supervisor, Prineville. (6)
Bull Run—THOS. H. SHERRARD, Forest Supervisor, Portland. (6)
Cascade (N.)—THOS. H. SHERRARD, Forest Supervisor, Portland. (6)
Cascade (Willamette)—C. R. SEITZ, Forest Supervisor, Eugene. (6)

- Cascade (Umpqua)**—S. C. BARTRUM, Forest Supervisor, Roseburg; SAMUEL S. SWENNING and J. ROY HARVEY, Deputy Forest Supervisors; H. N. HALE, Forest Assistant. (6)
- Cascade (Mazama)**—C. J. BUCK, Acting Forest Supervisor, Medford. (6)
- Coquille**—M. J. ANDERSON, Forest Supervisor, Grants Pass; HUGH M. GUTHRIE, Deputy Forest Supervisor; N. F. MACDUFF, Forest Assistant. (6)
- Fremont**—GUY M. INGRAM, Forest Supervisor, Lakeview; G. D. BROWN, Deputy Forest Supervisor. (6)
- Goose Lake**—GUY M. INGRAM, Forest Supervisor, Lakeview; G. D. BROWN, Deputy Forest Supervisor. (6)
- Heppner**—THOMAS E. CHIDSEY, Forest Supervisor, Heppner. (6)
- Imnaha**—HOWARD K. O'BRIEN, Forest Supervisor, Wallowa; HARVEY W. HARRIS, Deputy Forest Supervisor. (6)
- Siskiyou**—M. J. ANDERSON, Forest Supervisor, Grants Pass; HUGH M. GUTHRIE, Deputy Forest Supervisor; N. F. MACDUFF, Forest Assistant. (6)
- Tillamook**—C. R. SEITZ, Forest Supervisor, Eugene. (6)
- Umpqua**—C. R. SEITZ, Forest Supervisor, Eugene. (6)
- Wenaha**—J. M. SCHMITZ, Forest Supervisor, Walla Walla, Wash.; H. D. FOSTER, Forest Assistant. (6)

PORTO RICO.

- Luquillo**—MAX ROTHKUGEL, Acting Forest Supervisor, San Juan. (3)

SOUTH DAKOTA.

- Black Hills**—E. M. HAMILTON, Forest Supervisor, Deadwood; ARTHUR E. LYNN, Deputy Forest Supervisor; H. C. NEEL and JOHN MURDOCH, Jr., Forest Assistants. (2)
- Cave Hills**—C. A. BALLINGER, Acting Forest Supervisor, Camp Crook. (2)
- Short Pine**—C. A. BALLINGER, Acting Forest Supervisor, Camp Crook. (2)
- Slim Buttes**—C. A. BALLINGER, Acting Forest Supervisor, Camp Crook. (2)

UTAH.

- Aquarius**—GEORGE H. BARNEY, Forest Supervisor, Escalante. (4)
- Bear River**—MARK G. WOODRUFF, Forest Supervisor, Logan; J. F. SQUIRES, Deputy Supervisor. (4)
- Beaver**—WILLIAM HURST, Forest Supervisor, Beaver. (4)
- Dixie**—CHARLES G. Y. HIGGINS, Forest Supervisor, St. George. (4)
- Fillmore**—WILLIAM HURST, Forest Supervisor, Beaver. (4)
- Fish Lake**—N. E. SNELL, Forest Supervisor, Salina. (4)
- Glenwood**—N. E. SNELL, Forest Supervisor, Salina. (4)
- Grantsville**—C. F. COOLEY, Forest Supervisor, Grantsville. (4)
- La Sal**—ORRIN C. SNOW, Forest Supervisor, Moab. (2)
- Manti**—PARLEY CHRISTIANSON, Acting Forest Supervisor, Ephraim. (4)
- Monticello**—ORRIN C. SNOW, Forest Supervisor, Moab. (2)
- Payson**—DAN S. PACK, Forest Supervisor, Payson. (4)
- Raft River**—WM. MCCOY, Acting Forest Supervisor, Oakley, Idaho. (4)
- Salt Lake**—E. H. CLARKE, Forest Supervisor, Salt Lake City; Wasatch Planting Station—N. J. FETHEROLF. (4)
- Sevier**—TIMOTHY C. HOYT, Forest Supervisor, Paquitz; FRANK W. SEAMAN, Deputy Forest Supervisor. (4)
- Uinta**—WILLARD I. PACK, Forest Supervisor, Provo; D. S. MARSHALL, Deputy Forest Supervisor; WM. M. ANDERSON, Deputy Forest Supervisor. (4)
- Vernon**—C. F. COOLEY, Forest Supervisor, Grantsville. (4)
- Wasatch**—E. H. CLARKE, Forest Supervisor, Salt Lake City. (4)

WASHINGTON.

- Colville**—W. W. CRYDER, Forest Supervisor, Republic. (6)
- Olympic**—FRED HANSON, Forest Supervisor, Hoodspout. (6)
- Priest River**—R. L. FROMME, Forest Supervisor, Newport. (1)
- Rainier**—CHAS. H. PARK, Acting Forest Supervisor, Orting; F. B. KELLOGG, Forest Assistant. (6)
- Washington (Chelan Div.)**—G. W. MILLIAM, Forest Supervisor, Chelan. (6)
- Washington (W.)**—B. P. KIRKLAND, Acting Forest Supervisor, Sumas. (6)
- Washington (Wenatchee Div.)**—C. H. FLORY, Acting Forest Supervisor, Wenatchee. (6)
- Wenaha**—J. M. SCHMITZ, Forest Supervisor, Walla Walla; H. D. FOSTER, Forest Assistant. (6)

WYOMING.

- Big Horn**—W. E. JACKSON, Forest Supervisor, Big Horn. (1)
Caribou—J. T. WEDEMEYER, Forest Supervisor, Idaho Falls, Idaho. (4)
Crow Creek—J. W. NELSON, Forest Supervisor, Saratoga; JAMES BLACKHALL, Deputy Forest Supervisor; R. A. STRETCH and JOHN H. BRIDGES, Forest Assistants. (2)
Medicine Bow (Wyo. Div.)—J. W. NELSON, Forest Supervisor, Saratoga; JAMES BLACKHALL, Deputy Forest Supervisor; R. A. STRETCH and JOHN H. BRIDGES, Forest Assistants. (2)
Sierra Madre—J. W. NELSON, Forest Supervisor, Saratoga; JAMES BLACKHALL, Deputy Forest Supervisor; R. A. STRETCH and JOHN H. BRIDGES, Forest Assistants. (2)
Sundance—G. C. SMITH, Acting Forest Supervisor, Sundance, Wyo. (2)
Uinta—WILLARD I. PACK, Forest Supervisor, Provo, Utah; D. S. MARSHALL and WM. M. ANDERSON, Deputy Forest Supervisors. (4)
Yellowstone (Shoshone Div.)—H. W. THURSTON, Forest Supervisor, Cody; C. N. WHITNEY, Forest Assistant. (1)
Yellowstone (Teton Div.)—ROBT. E. MILLER, Forest Supervisor, Jackson; V. GIFFORD LANTRY, Deputy Forest Supervisor. (4)
Yellowstone (Wind River Div.)—ZEPH JONES, Forest Supervisor, Pinedale. (4)

SERVICE CHANGES IN MARCH.

APPOINTED.

Forester—

DENDROLOGY: C. H. HERTY, Collaborator.
 INSPECTION: E. M. GRIFFITH, Inspector.

Products—

WOOD PRESERVATION: PAUL M. PAYNE, Expert; GEO. R. OGIER, Expert.
 WOOD UTILIZATION: FRANKLIN H. SMITH, Expert; F. E. LICHTENTHAELER, Laboratory Assistant in Wood Chemistry.

Operation—

ENGINEERING: W. H. BENTON, Constructing Engineer.

Silviculture—

FOREST MANAGEMENT: C. P. WILBER, Agent; D. W. ADAMS, Forest Expert.
 EXTENSION: SEROPE Y. PARNAY, Forest Planting Assistant; CHAS. R. TAYLOR, Forest Planting Assistant.

PROMOTED.

Grazing—

CONTROL: WILL C. BARNES, Inspector of Grazing.

Operation—

ENGINEERING: A. T. MITCHELSON, Constructing Engineer.

CHANGES IN DESIGNATION.

Products—

WOOD PRESERVATION: W. F. SHERFSEEE, Assistant Chief; HOWARD F. WEISS, Chief, Section of Research; C. STOWELL SMITH, Chief, Section of Farm Timbers; J. M. NELSON, Jr., Chief, Section of Railroad and Mine Timbers; W. R. WHEATON, Chief, Section of National Forest Timbers.

Silviculture—

FOREST MANAGEMENT: G. M. HOMANS, Chief of Timber Sales; A. B. RECKNAGEL, Chief of Reconnaissance; J. G. PETERS, Forest Examiner; K. W. WOODWARD, Forest Examiner; J. S. HOLMES, Forest Examiner; P. T. HARRIS, Forest Examiner.

Operation—

MAINTENANCE: FELIX T. MOORE, Property Clerk.

RESIGNED.**Operation—**

ENGINEERING: A. L. HERRING, Civil Engineer.

ORGANIZATION: F. S. BREEN, Forest Supervisor; G. B. COLEMAN, Forest Supervisor.

RESTORED TO THE ROLLS WITH PAY.**Silviculture—**

FOREST MANAGEMENT: I. T. WORTHLEY, Forest Assistant.

FURLoughED.**Silviculture—**

FOREST MANAGEMENT: W. D. STERRETT, Forest Asisstant.

TRANSFERRED.**Silviculture—**

SILVICS: G. A. PEARSON, Forest Assistant.

DISMISSED.**Operation—**

ORGANIZATION: R. E. ROWLEY, Assistant Forest Ranger.

SUSPENDED.**Operation—**

ORGANIZATION: DAVID I. PENROD, Deputy Forest Ranger; I. W. FOSTER, Forest Ranger.

SERVICE NOTES FOR MARCH.

These notes contain instructions and necessary information for Forest officers, and will, therefore, be carefully read and kept on file for reference.

OFFICE OF THE FORESTER.

LAW.

Sale of Diseased Timber on Mining Claims—

The right of the Forest Service to sell diseased timber on an unperfected valid mining claim when the removal of such timber is necessary to protect other National Forest timber from the spread of the disease, as well as its right to protect timber purchasers from annoyance by suits in State courts, are involved in the case of *Lewis v. Garlock and Ainslie*. Lewis is a mining claimant in the Black Hills National Forest. Garlock and Ainslie are purchasers of insect-infested timber upon an area including Lewis's claim. The terms of the sale required that the value of the timber be paid to the claimant, but Lewis refused to allow the cutting of the timber on any terms and brought suit against the purchasers in a State court. The United States attorney intervened in behalf of the United States, and on his petition the United States court ordered the removal of the suit to its docket for trial at Deadwood in May. This was in conformity with the procedure indicated by the Supreme Court in the case of *Stanley v. Schwalbey* (147 U. S., 508, at 513).

State Fence Laws Do Not Apply to National Forests—

The decision of Judge Hunt in the grazing trespass case of *United States v. Shannon* (Use Book, pp. 210-220) was, on February 3, affirmed by the United States circuit court of appeals for the ninth circuit, sitting at San Francisco. The decision states without qualification that the grazing regulations are reasonable and valid and that the State fence laws do not apply to the National Forests, and that, therefore, the drifting of stock upon the Forests in violation of the regulations is trespass, notwithstanding the State law.

Mark Kellerup was recently fined \$20 and costs in a justice's court for maliciously injuring the Government telephone line upon the Holy Cross National Forest.

BRANCH OF SILVICULTURE.

OFFICE OF FOREST MANAGEMENT.

Advertised Class B Sales—

The note on page 15 of the November Field Program evidently does not make it clear that as soon as each paper in an advertised Class B sale is prepared, with the exception of the bond, a copy should be sent to the Forester. This is necessary in order that the Forester may have an opportunity, before the final contract is executed, to suggest any modifications which may seem advisable.

In conducting advertised Class B sales, supervisors should be very careful to observe closely the following directions, combining the instructions in the Use Book, in the circular letter of September 1, 1907, and in past numbers of the Field Program. As soon as the application, map, estimate, report, marking rules, and notice of sale have been prepared, a copy of each should be sent to the Forester, together with the usual duplicate form letter of transmittal for the advertising deposit. The carbon copy of the notice of sale sent to the Forester should show the name and place of publication of the newspaper in which the sale is to be advertised, and a clipping of the first publication should be forwarded, attached to Form 935. As soon as the contract has been prepared, a copy should be sent to the Forester; and as soon as the papers have been executed and approved, the Forester should be notified of the date of execution and approval. In sales in which a bond is required, a copy of the bond should be forwarded as soon as it has been executed and approved. If the purchaser or surety is a corporation, a copy of the evidence of authority of the officer executing the papers for the corporation should be sent without delay.

In advertised Class B sales, a map should be furnished even when the sale includes only dead timber.

Excess Cutting—

In every case when letters of transmittal are issued for excess cutting, the duplicate form letter of transmittal sent to the Forester should show the amount of timber for which the excess payment is required. This is essential in order that proper records of the transaction may be made in this office. When there are different prices in the sale, it is not possible, in the absence of this information, to determine accurately the amount of timber for which the excess payment is required.

Discontinuance of Form 874-6—

Form 874-6, Report of Timber Cut, for use in the Ranger's Notebook, has been discontinued, owing to the risk of error in transferring the record of the scale from this form to the Scalebook. Until further notice, only the regular Scalebooks and Reports of Timber Cut, Forms 820 and 606, will be used. The attention of supervisors is again called to the smaller Scalebooks which have been prepared for use in all small sales. The supply of Form 874-6 on hand should be destroyed.

Timber Sale Card—

The Timber Sale Card, Form 615, is printed in three different colors—white, salmon, and blue. The white card is for use in sales of \$100 or less; the salmon card for advertised Class B sales, and the blue card to designate Forester's sales. The use of these cards will enable supervisors to distinguish the different sales more readily, and requisitions for any of the cards not in stock should be made promptly.

Approved Surety Companies—

Supervisors will soon receive lists of the approved surety companies authorized to do business in the several States as sole sureties on bonds in favor of the United States. The list sent to each supervisor will cover only the State in which his National Forest is located. It will be revised from time to time as changes occur. The changes will be noted in the Field Program, and it is very necessary that supervisors keep their lists corrected, in order that there may be no unnecessary delay in approving bonds at the Washington office.

Free-Use Permits—

Hereafter, for the sake of uniformity, the year during which free use of timber, to the value of \$20, may be granted under Regulation 19 of The Use Book will be coincident with the fiscal year. All free-use permits issued during any year should, therefore, be cancelled or closed not later than June 30 of that year, whether the material for which they were granted has been obtained or not. If the material granted under a free-use permit has not been obtained, and the permittee still desires to obtain it, the supervisor, if he thinks the applicant entitled to the material, should issue a new permit.

Wall Map of the National Forests—

The first edition of the wall map of the United States showing the National Forests is almost exhausted. Copies were sent to supervisors and inspectors. An edition of 5,000 copies, now being printed in six colors, shows, in addition to the data on the first edition, the forested areas of the United States. This map will be sold at 50 cents per copy by the Superintendent of Documents, Government Printing Office, Washington, D. C.

OFFICE OF SILVICS.**Catalogue of Books in Field Libraries—**

During the last month a list of the books in the field libraries has been prepared and sent to supervisors. This list is arranged alphabetically according to authors, or by title where no author is given. Pamphlets, circulars, or bulletins bound together in one volume are catalogued separately. The list should be hung beside the books. Whenever new publications are added to the libraries they should be catalogued at once by typewriting their titles in the blank spaces left for this purpose between the names of books in the present list.

Monthly List of Current Forest Literature—

The monthly list of current forest literature, which was formerly published in the Field Program, is now mimeographed and issued separately. Forest officers who desire to receive this list regularly should apply to the Forester.

Meteorological Observations on the National Forests—

During the coming season it is proposed to establish a number of meteorological stations on the National Forests, in cooperation with the Weather Bureau, for the purpose of obtaining data in regard to the influence of forests on climate. It is particularly desired to obtain stations at high altitudes, where regular observations can be made all the year round. About sixty supervisors have been written to in regard to the establishment of such stations. Further information will be furnished on request.

OFFICE OF EXTENSION.**Monthly Progress Letter (Planting Stations)—**

Every supervisor having a planting station on his Forest should hereafter have the officer in charge of the station submit at the end of each month a letter outlining the progress of nursery and planting work. This should be prepared in duplicate and addressed to the supervisor. The original should be initialed by the supervisor and forwarded to the Forester, with any suggestions or criticisms he may care to make; the copy should be retained for the supervisor's file.

BRANCH OF GRAZING.

Policy Regarding Wild Horses—

If the presence of wild horses is seriously damaging the National Forest range, the supervisor, upon petition of a majority of the permittees of a grazing district, may allow the horses to be gathered and disposed of according to the State or Territorial laws, provided public sentiment favors such action. In such cases, the Forest Service will, upon recommendation from the supervisor, cooperate in the construction of corrals or fences for the purpose of capturing the horses.

Forest officers may at any time drive, from the National Forests, horses for which no permit has been issued. However, if the owners of the horses are known and the ownership is acknowledged, the owners should be allowed to adjust the matter by paying the grazing fee. If they refuse to apply for permits, then trespass charges should be brought against them and the case conducted in accordance with the general instructions.

Unbranded horses may be handled according to the State estray laws, but Forest officers can not be allowed to gather such horses for the purpose of using or selling them, nor can they be allowed to collect any remuneration from any person for corralling unclaimed horses.

The policy of the Forest Service will be, therefore, to cooperate with the stockmen or the State or Territorial authorities when these authorities take the initiative in disposing of wild horses on the National Forests, but the present laws and regulations do not admit of independent action by the Forest Service.

Applications from persons under Indictment—

Persons who have been regular users of the National Forest range should not, because of any pending indictments against them for land or timber frauds against the Government, be refused permits for grazing purposes, for free use of timber, for pastures, or for other uses in connection with the handling of their live stock. During the time they are awaiting trial the accused persons must not be denied any use hitherto enjoyed by them, and upon the continuance of which their means of livelihood might depend.

However, persons under indictment for land fraud or other crimes against the Government, when they have not been regular users of the National Forest, will not be allowed grazing or special use permits until their innocence has been established, because to refuse them such permits will not deprive them of any use hitherto enjoyed, but will merely prevent their acquisition of new rights pending their trial.

Use of Unapproved State Land Selections—

Persons who have entered into agreement to purchase or who have leased from a State any lands which have been selected under authority of an act of Congress, and the lists of which have been filed with the Commissioner of the General Land Office but have not been approved, will be allowed the use of these lands for grazing purposes, pending final action upon the validity of the selections.

In permits based upon the right to the use of unapproved State selections the following clause should be inserted:

And provided, That the issuance of this permit gives no right to the use of the above-described lands, except for grazing purposes, and in case the selection made by the State is disapproved this permit shall be null and void.

This privilege is allowed because the removal of the annual forage crop does not affect the permanent value of the land, but the right to remove timber from unapproved State selections must be denied, because the timber constitutes a large portion of their value.

Applications for permits under the provisions of Regulation 58 should not in any case be included in the regular series of numbered permits, and after having been acted upon they should be filed alphabetically under a separate guide card labeled "Use of Private Lands." Samples of the form in which the record cards, Form 621, should be prepared have recently been sent to all supervisors.

Permits under Regulation 47—

In cases where the grazing fees are charged on only a portion of the stock because the range to be used is located only partially within the Forest, it is important that the calculation be based upon a proportionate part of the stock instead of a proportionate part of the grazing fees. In no case should the permit be issued for a larger number of stock than that upon which the fees have been paid, and the total number of stock to be grazed, both on and off the Forest, should be indicated by a proviso in the permit. For example, if it is estimated that A will graze 150 head of cattle on a range located one-third within the Forest, or one-third of which is Forest land, the application should be approved and the permit issued for 50 head of cattle, with the proviso that 150 head of cattle will be grazed on range one-third of which is National Forest land.

Vouchers for Refunds—

The refund of a payment made on account of a grazing or special-use permit can be made only on the approval of the Forester. The voucher should not be prepared by the supervisor, because he would be placed in a very embarrassing position in case the refund is disapproved by the Forester. The claim for a refund should be forwarded to the Forester with the recommendations of the supervisor, and, if the claim is allowed, a voucher will be prepared and sent to the claimant for his signature. It is earnestly requested that supervisors comply strictly with this regulation.

Trespass Settlement without Prejudice—

In all cases where a trespasser has paid the damages assessed against him, or has paid the fine imposed upon him by the court as a penalty for having grazed stock upon the National Forest in trespass, the case will be closed without prejudice, and his subsequent applications for grazing permits or other uses of the National Forest may be considered upon their merits.

Estimates for Drift Fences—

It is desired that Forest officers give special attention to the need for drift, division, or boundary fences on the National Forests, and in all cases where the construction of such fences would be advantageous in controlling stock grazed under permit or in the prevention of trespass a report and recommendation, including a map showing the location of the fences and a definite estimate of their probable cost, should be sent to the Forester at once, if such action has not already been taken, so that the advisability of their construction may be considered in making the allotment of funds for the coming fiscal year.

Transfer of Grazing Fees—

Grazing fees paid on any Forest may be transferred to the credit of a permit for the same grazing period on another Forest, but under no circumstances will a transfer be made from one permittee to another or from one grazing year to another. All adjustments of grazing-fee permits, except as first mentioned, must be made by means of refunds.

BRANCH OF OPERATION.**OFFICE OF MAINTENANCE.****Property Accounting on the National Forests—**

A Service Order giving instructions in regard to a new system of property accounting on the National Forests, to take effect June 1, 1908, will be printed in the Field Program for May. By this system two records will be kept by supervisors, one designated "Forest Accountability," and the other "Individual Accountability." Under the head of Forest Accountability, will be recorded all nonexpendable property for which the supervisor is accountable and responsible. Under Individual Accountability will be kept an individual record of all non-expendable property issued to subordinates and all property kept on hand by the supervisors.

On June 1, 1908, each supervisor will prepare an inventory on Form 939, and send it to the Forester. From this inventory the supervisor will make up both the Forest and Individual Accountability records. The aggregate number of articles in each class in the Individual Accountability record must in every case equal the number of articles on the cards for the corresponding class in the Forest Accountability record. Each subsequent transaction which affects the sum total of property on the Forest, whether by purchase, transfer, or certificate of loss or sale, will be entered on the Forest Accountability record. Transactions which do not affect the sum total of the property on the Forest, such as a transfer between a supervisor and a ranger, or a transfer between rangers, will be recorded in the Individual Accountability record.

The Order will give full instructions for the preparation of invoices and receipts covering transactions between property clerks, supervisors, and subordinate Forest officers.

OFFICE OF LANDS.**Special Uses—**

Telephone Permits.—The general telephone contracts entered into between the Forest Service and telephone companies do not relieve the companies from the necessity (under Reg. 6 of The Use Book) of taking out special-use permits for all their lines over National Forest lands. In fact all such general contracts expressly provide that special-use permits shall be secured for the companies' lines crossing National Forest lands. It is very important that all telephone lines in National Forests, and particularly all such lines operated by companies with whom the Service has entered into general contracts, be covered by special-use permits. Supervisors of Forests in which there are any telephone lines not under special-use permits should give this matter their immediate attention.

New Form for Report on Timber and Stone Entries—

A new form, No. 320, for reporting on timber and stone entries has been prepared and is now ready for distribution. Hereafter Forest officers will be required to use this form in the investigation of all timber and stone claims. Supervisors should promptly make requisition on the Washington office for a number of the forms sufficient to report on timber and stone claims in their respective Forests.

New Edition of Report on Mill-site Claims—

Attention is called to a new edition of Form 175 (Report on Mill-site Claims). Supervisors should at once make requisition for supplies of the new edition, and discontinue the use of the old form.

Recording Patented Claims—

Forest officers, immediately on receiving the formal notice of the General Land Office that a claim has been patented or finally canceled of record, should enter the fact on their title maps and make a record of it on the "claim" card in their files for the particular tract.

Reports on Mining Claims—

There is some misunderstanding as to the circumstances under which mining claims should be reported upon. Reports should be made on supposed invalid locations, to which an active claim is being asserted, if the claimants are interfering with timber sales or otherwise injuring National Forest interests. If a sufficient description or identification of such locations can not be otherwise secured, supervisors should get the necessary information from the county records.

No reports are necessary on locations which have been abandoned, or of which no use is being made.

Reports on valid mining locations should not be made until application for patent is filed, unless claimants are cutting the timber or using the surface for any purpose other than mineral development, or are doing some other act indicative of bad faith or injurious to National Forest interests.

In all cases prompt examination should be made and a report forwarded to the Forester, as soon as it is ascertained that application for patent has been filed.

Instructions under Regulation 4—The Use Book—

Forest officers should exercise the greatest care to observe the instructions under Regulation 4 regarding notices of final proof, and must in every case return the notice to the local land office in due time. The Forester's attention has been called by the General Land Office to reports from some of the local Land officers that Forest officers in some cases have neglected to return the notices properly indorsed, until after the date set for final proof.

Boundaries—

The proclamation creating the Ozark National Forest, Ark., with an area of 917,944 acres, was signed by the President on March 6, 1908.

The proclamation eliminating 109,312 acres from the Lincoln National Forest, N. Mex., was signed on March 3, 1908. The area of this Forest is now 518,123 acres.

OFFICE OF ORGANIZATION.**Inspection of Worn-out and Unserviceable Property—**

In order to assist the inspectors in examining and condemning worn-out and unserviceable Government equipment on the National Forests, and to avoid needless loss of time in inspection, supervisors are requested to see that all such property is collected and stored in some one convenient place, either in each ranger district or at the supervisor's headquarters, as may be most practicable. Supervisors can not be relieved of responsibility for the property charged up to them, until the inspector has taken appropriate action, and it is to the interest of the supervisors to see that his request is complied with.

Services of Temporary Employees on Sundays and Legal Holidays—

Where services are rendered by temporary employees on Sundays or legal holidays, a special certification, signed by the supervisor, is required on the subvoucher, to the effect that the services were actually rendered as stated. Supervisors are requested to make use of the rubber stamps for these Sunday certificates, which were sent to them in December.

Property Lost or Damaged—

Delay and needless correspondence result from the failure of many Forest officers to comply with sections 156, 157, and 161 of the Green Book in regard to the manner of reporting property lost or damaged, on Form 858. The explanation of the loss or damage should be given in sufficient detail to show beyond a reasonable doubt that it was not due to fault or negligence, and that every effort toward recovery was made. In case of loss by fire, the place and date of the fire should be given. Breakage, wear, or damage should also be explained in detail. In all cases of abandonment of property an explicit statement of the date, cause, and place of abandonment is required. Form 858 constitutes the final record, and relief can not be given from accountability for property unless the explanation is full and clear.

General Expense and Improvement Balances—

Some supervisors have found it difficult to keep track of the general expense and improvement balances in their letters of authorization, owing to the fact that allotments for administrative expenses and improvements have been combined in one authorization, called "General Expenses." This difficulty may be overcome by using a double page in the allotment section of the Journal of Expenses to separate the authorizations for improvements from general administrative expenses. The first column on the first page should be used for salaries, as indicated in the book, and the second column for general administrative expenses. The last column on the opposite page should be used for improvement funds, and a red line drawn diagonally across the unused columns of this page. The total amount authorized will equal the sum of the general administrative and improvement allotments as shown in the Journal of Expenses.

The detailed account of each individual project should be kept in the same manner as hitherto until the new project ledger for keeping this record is received. This ledger will be furnished about April 15.

Changes in the Forest Service Uniform—

A committee of field men has been appointed to recommend to the Forester changes in the Forest Service uniform. It is possible that radical changes will be made, full consideration being given to the various recommendations which have been received from the field. When adopted, the uniform will probably be made compulsory for all Forest officers when on official duty on the National Forests. It is suggested that further orders for the uniform be delayed until the question has been definitely settled.

Correspondence—

The attention of the Forester has been called to the failure of some Forest officers to go into sufficient detail in answering letters from users of the Forests and others asking for information, and to the fact that many letters are brief to the point of courtesy. It is not desired that Forest officers go into needless detail in answering letters, but it is important that all questions be answered clearly and that no cause be given for criticism on the ground of curtness. The utmost care should be used to make the correspondence of the Service unobjectionable in substance and in tone.

BRANCH OF PRODUCTS.**OFFICE OF WOOD PRESERVATION.****Treating Plants to be Established in the National Forests—**

A section has been created in the Office of Wood Preservation for the purpose of establishing treating plants on the National Forests. The plants will be semi-commercial in size and will be designed for the treatment of mine timbers, ties, posts, poles, etc. The principal object of the work is to devise methods for the more complete utilization of dead timber on the National Forests and timbers of the so-called inferior species, which, in their natural state, decay too rapidly to justify their extensive use for structural purposes.

All supervisors interested in the establishment of such plants on their Forests are requested to communicate through the Forester with the Office of Wood Preservation.

SERVICE ORDERS.

SERVICE ORDER 13.

(Amends Regulation 65 of The Use Book.)

MARCH 11, 1908.

Receipts.

Regulation 65 of The Use Book, as amended by the Secretary of Agriculture on March 6, reads as follows:

Reg. 65. The Fiscal Agent, Forest Service, Washington, D. C., is authorized to receive all payments to the Forest Service. The Special Fiscal Agent, Ketchikan, Alaska, is authorized to receive payments on account of transactions in Alaska. All other Forest officers are prohibited from receiving any payments. Payments must be by postal or express money orders or national-bank drafts on New York City, *made payable to the Treasurer of the United States*. Payments to the Fiscal Agent must be accompanied by printed form letters of transmittal (Form 861), which will be furnished the payor by the Forest officers. The letter of transmittal must designate the transaction on account of which the payment is made, and must be signed by the payor and the Forest officer conducting the transaction. A duplicate of the form letter of transmittal, signed only by the Forest officer for all payments except grazing fees, must at the same time be sent to the Forester.

Hereafter, in accordance with this regulation, all drafts and money or express orders will be made payable to the *Treasurer of the United States* instead of the Fiscal Agent. They will, however, be sent to the Fiscal Agent as heretofore, and not to the Treasurer of the United States.

New Form 861 is being printed and a supply will be sent to Forest supervisors without requisition. Old forms should be destroyed.

OVERTON W. PRICE,
Associate Forester.

SERVICE ORDER 14.

(Amends Service Order 106.)

MARCH 31, 1908.

Promise Record and Follow-up System.

The following procedure is prescribed, to secure uniformity in recording promises and to provide an adequate follow-up system:

I.—RECORD OF PROMISES.

Records of all promises involving future action will be kept in the administrative offices in Washington and in all permanent field headquarters.

Except in rangers' headquarters, where the records will be kept on desk calendars, the equipment will consist of a standard promise-card box; daily and monthly guide cards, 3" by 5"; and plain white cards, 3" by 5". When necessary, a one-drawer card index case may be used instead of the cardboard box.

The record of a promise will always be made when the promise is made. When the date of fulfillment can not be positively determined, an approximate date will be given: "Not later than-----." The date of fulfillment will be written on the first line of the promise card, and any change which may later become necessary should be entered on the same line. Below the date will be written the name of the person to whom the promise is made or who is otherwise concerned. The card will be dated in the lower left-hand corner. Every card will contain a memorandum of sufficient definiteness to give a clear understanding of the promised action to any one who may be required to complete it.

The card should be filed in front of the time guide for the date set.

If the promise can not be fulfilled on the date set, the person to whom it was made will be so informed, and the card will be redated for action, and changed to the time guide for the new date.

When the action promised is long in advance or dependent upon contingencies not yet developed, it will be found useful so to file the card that it falls due at short intervals, until the promise is fulfilled. For example, "Daily" can be added, and the card kept in the front of the box as a daily reminder, or "Weekly" can be used and the card filed under a date a week ahead. By the same method a semimonthly or monthly reminder can be had. When the action can not be taken on the date indicated on the card, the latter can be advanced another period.

If the fulfillment of a promise does not require a letter, the card will be marked "Filled," and filed with the papers pertaining to the case; but if the record is already complete the card will be destroyed.

II.—FOLLOW-UP SYSTEM.

The same equipment will be used to follow up action requested, and the follow-up cards will be prepared and filed in the same way as promise cards.

To follow-up requests from the offices in Washington to supervisors and other field officers for reports or action, a white postal card and a yellow slip, 3" by 5", will be furnished.

The Office concerned will enter on the slip and card by carbon duplication the date, case heading or subject, and key initials of the office, and forward the card to the supervisor with the request for report or action.

The slip will be filed in the Office promise-card box two weeks ahead, as a reminder.

The supervisor will enter on the card the date on which he will take the action required, sign it and mail it as a post card to the forester.

When the card is received by the Office concerned, the reminder slip will be destroyed and the card filed under the date given by the supervisor.

The promise card will not be used in cases of the following classes, which will be handled in the time limits specified, in the absence of special instructions:

Contracts sent out for execution, one month.

Form 935, "Certificate of Publication," three weeks.

Special-use permits and agreements for execution, one month.

ACTION BY THE SUPERVISOR.

The supervisor will check up action which he instructs his subordinates to take, through the use of a white card and yellow slip, 3" by 5", on which are printed identical request for the report or other action required. In each case, both will be filled in, the white card mailed to the subordinate, and the yellow slip filed as a reminder until the action is taken.

The card received from the supervisor should be retained by the subordinate Forest officer until the required report has been made, and a memorandum of its character and the date it is due will be entered on his desk calendar. When the report is forwarded to the supervisor the card will be destroyed.

OVERTON W. PRICE,
Associate Forester.



Issued May 1, 1908

United States Department of Agriculture,
FOREST SERVICE.

GIFFORD PINCHOT, Forester.

FIELD PROGRAM FOR MAY, 1908.

This program of field work and assignments in the Forest Service is issued monthly. The names of members whose assignments are not yet fixed, and reference to projects for which plans have not been matured, are necessarily omitted.

It is requested that the members of the Forest Service cooperate in making this program complete and accurate. Information concerning errors or omissions, and changes of project or of address for the following month, should be sent by members to the offices of their respective chiefs not later than the 20th of the month.

Unless the address of a member is given in this program or is definitely known, he should be addressed in care of the Forest Service, Washington, D. C.

OFFICE OF THE FORESTER.

GIFFORD PINCHOT, Forester.
OVERTON W. PRICE, Associate Forester.

HARRY L. HILL, Secretary to the Forester.

P. P. WELLS, Law Officer.

A. C. SHAW, Principal Examiner.

HERBERT A. SMITH, Editor.

GEORGE B. SUDWORTH, Dendrologist.

INSPECTION.

FORESTER AND ASSOCIATE FORESTER.

Inspection District 1.—Montana, Northern Idaho, and Northern Wyoming.

E. A. SHERMAN, Chief Inspector, Missoula, Mont.

Inspectors: P. G. REDINGTON, F. A. SILCOX, and R. Y. STUART, all at Missoula, Mont.

Inspection District 2.—Colorado, Southern Wyoming, South Dakota, Nebraska, Kansas, Southeastern Montana, and Southeastern Utah.

SMITH RILEY, Chief Inspector, Denver, Colo.

Inspectors: R. P. IMES, S. L. MOORE, F. W. MORRELL, and T. D. WOODBURY, all at Denver, Colo.

Inspection District 3.--Arizona, New Mexico, and Oklahoma.

D. D. BRONSON, Chief Inspector, Albuquerque, N. Mex.

Inspectors: T. S. WOOLSEY, Jr., W. R. MATTOON, and A. O. WAHA, all at Albuquerque, N. Mex.

Inspection District 4.—Utah, Southern Idaho, Western Wyoming, Eastern Nevada, and Northern Arizona.

R. E. BENEDICT, Chief Inspector, Salt Lake City, Utah.

Inspectors: J. M. FETHEROLF, W. W. CLARK, L. L. WHITE, and F. W. REED, all at Salt Lake City, Utah.

Inspection District 5.—California and Western Nevada.

F. E. OLMS TED, Chief Inspector, San Francisco, Cal.

Inspectors: COERT DU BOIS, J. H. HATTON, WM. C. HODGE, Jr., and G. W. PEAVY, all at San Francisco, Cal.

Inspection District 6.—Washington, Oregon, and Alaska.

E. T. ALLEN, Chief Inspector, Portland, Oreg.

Inspectors: W. H. B. KENT and F. E. AMES, both at Portland, Oreg.; M. L. ERICKSON, Washington, D. C.

E. S. BRUCE, *Expert Lumberman and Special Inspector*, in the Office of the Forester.

Inspection of logging on Indian Reservations—E. M. GRIFFITH, *Special Inspector*, Madison, Wis.

BRANCH OF SILVICULTURE.

WILLIAM T. COX, Assistant Forester, in Charge.
E. E. CARTER, Assistant Forester.

OFFICE OF FOREST MANAGEMENT.

E. H. CLAPP, Chief (in the Field).
W. G. WEIGLE, Assistant Chief (in the Field).
A. K. CHITTENDEN, Acting Chief.

Timber Sales, G. M. HOMANS.

TIMBER SALE CORRESPONDENCE.

District 1—C. C. HALL and R. F. BALTHIS.

District 2—D. T. MASON.

District 3—C. S. JUDD.

District 4—E. GRANDJEAN and T. C. HOYT.

District 5—N. O. TORSTENSON.

District 6—E. W. SHAW.

Trespass—FRED LEES, G. W. HOLLAND, and HARRY IRION.

TEMPORARY ASSIGNMENTS.

(Under the direction of supervisors.)

Forest examiner, P. T. HARRIS, Helena, Mont.

Forest assistants.

C. E. DUNSTON, Chelan, Wash.	J. D. WARNER, Libby, Mont.
J. F. PRESTON, Great Falls, Mont.	R. M. MACMURRAY, Kalispell, Mont.

Lumbermen.

J. S. BAIRD, Cass Lake, Minn.	A. J. NORTON, Kalispell, Mont.
GEO. P. GREGG, Keystone, Wyo.	W. R. MCKINNON, Cass Lake, Minn.
J. P. HUGHES, Medford, Oreg.	

Forest Atlas, F. G. PLUMMER.

Reconnaissance, A. B. RECKNAGEL (in the Field).
LOUIS MARGOLIN, Acting.

PROJECTS.**Arizona—**

Estimate and working plan for Black Mesa (N.), San Francisco Mountains, and Grand Canyon (S.) National Forests—FRANK VOGEL, Flagstaff; assistants, D. W. ADAMS, J. H. ALLISON, and GEORGE L. COTT.

Idaho—

Working plan for Sawtooth (E.) National Forest—C. P. WILBER, Hailey.

New Mexico—

Working plan for Manzano National Forest—G. P. BARD, Albuquerque.
Collecting data for volume and growth tables—LOUIS MARGOLIN, Washington, D. C.

Federal Cooperation, A. K. CHITTENDEN.

PROJECTS.**California—**

Estimate for Hoopa Valley Indian Reservation, in cooperation with the Indian Service—I. F. ELDREDGE, D. C. A. GALARNEAU, W. F. ANDREWS, and N. B. ECKBO, all at Hoopa.

Michigan and Wisconsin—

Timber work on Indian reservations—E. A. BRANIFF, Green Bay, Wis.; assistants, J. A. HOWARTH, W. E. LA FOUNTAIN, MARK BURNS, and W. S. UHLER.

New Mexico—

Supervision of cutting, Fort Wingate Military Reservation, in cooperation with the War Department—NELSON LE GRAND, Guam.

State and Private Cooperation, J. G. PETERS, Acting.

PROJECTS.**Alabama—**

Timberland examination—Prof. R. F. MACKINTOSH, Auburn.

Eastern States—

Examination of woodlots and timber tracts—WESLEY BRADFIELD, Washington, D. C.

Maine—

Forest conditions—AUSTIN CARY, Brunswick.

Mississippi—

Study of forest conditions, in cooperation with the State Geological Survey—J. S. HOLMES, Washington, D. C.

Montana—

Study of forest lands, in cooperation with the Northern Pacific Railway Company—KARL W. WOODWARD, L. S. MURPHY, W. B. PIPER, G. E. SAWYER, and G. S. KEARNEY, all at Ashland; J. BENTLEY, Jr., Kalispell; J. ST. J. BENEDICT, Missoula.

New Hampshire—

Study of forest taxation—J. H. FOSTER, Concord.

OFFICE OF SILVICS.

RAPHAEL ZON, Chief.

Field Studies, RAPHAEL ZON, Acting.

PROJECTS.

Colorado—

Study of insect-infested timber in Colorado National Forests, in cooperation with the Bureau of Entomology (Forest Insect Investigations, A. D. Hopkins, in charge)—W. D. EDMONSTON, Colorado Springs, Colo.

Eastern States—

Study of the hickories—A. T. BOISEN, Washington, D. C.

Middle West—

Study of windbreaks and their influences—C. G. BATES, Washington, D. C.

Rocky Mountain States—

Study of lodgepole pine—E. R. HODSON, Washington, D. C.

Southwest—

Study of the reproduction of western yellow pine—S. T. DANA, Flagstaff, Ariz.

General—

Study of methods of determining light requirements of trees—G. A. PEARSON, Washington, D. C.

Library, H. E. STOCKBRIDGE.

Compilation, E. H. FROTHINGHAM.

OFFICE OF EXTENSION.

SAMUEL N. SPRING, Chief.

Planting, L. C. MILLER (in the Field).
E. C. CLIFFORD, Acting.

PROJECT.

Compilation of data on planting stations—B. R. H. D'ALLEMAND, Washington, D. C.

TEMPORARY ASSIGNMENTS.

(Nursery and planting work under the direction of supervisors.)

Pikes Peak Planting Station.—J. F. KÜMMEL, Monument, Colo.

Pocatello Planting Station.—G. B. MACDONALD, Pocatello, Idaho.

Garden City Planting Station.—A. E. OMAN, Garden City, Kans.

Reconnaissance, W. H. von BAYER.

PROJECT.

Investigations of storage and germination of forest tree seeds preliminary to experimental work at planting stations, and in cooperation with nurserymen.

Cooperation, A. S. PECK.

Correspondence.—Advice on private forest planting—A. S. PECK.

PROJECTS.

Supervision of cooperative planting on private lands—L. CROWELL, Washington, D. C.

Examination of plantations in the Northeastern States, established as a result of planting plans—C. A. KUPFER, Washington, D. C.

Compilation of data on private forest planting—W. M. MOORE, Washington, D. C.

BRANCH OF GRAZING.

A. F. POTTER, Assistant Forester, in Charge.

OFFICE OF CONTROL.

L. F. KNEIPP, Chief (in the Field).

WILL C. BARNES, Acting Chief.

Allotment, WILL C. BARNES.

Adjustment, E. N. KAVANAGH (in the Field).

Permits, Miss ANNA P. KOSCHWITZ.

OFFICE OF DEVELOPMENT.

J. K. CAMPBELL, Acting Chief.

Fences, C. H. ADAMS (in the Field).

Forage, W. C. CLOS (in the Field).

Water, J. K. CAMPBELL.

PROJECTS.

Forage investigations; compilation of data—**F. V. COVILLE**, Botanist, Bureau of Plant Industry, in charge, Washington, D. C.; **JAMES T. JARDINE**, Expert, Wallowa, Oreg.; **ARTHUR T. SAMPSON**, Expert, Washington, D. C.

Poisonous plant investigations—**Prof. C. D. MARSH**, Expert, Bureau of Plant Industry, in charge, Hugo, Colo.; **IVAR TIDESTROM**, Scientific Assistant, Nogales, Ariz.

Extermination of prairie dogs—**H. L. BENHAM**, Forest Guard, in charge, Denver, Colo.

BRANCH OF PRODUCTS.

WM. L. HALL, Assistant Forester, in Charge.

C. G. CRAWFORD, Specialist in Wood Preservation.

OFFICE OF WOOD UTILIZATION.

R. S. KELLOGG, Chief.

McGARVEY CLINE, Assistant Chief.

PROJECT.

Turpentine experiments—**P. D. EDMUNDS**, Green Cove Springs, Fla.

Computing, W. B. BARROWS, Acting.

PROJECTS.

Compilation of forest tables—**W. B. BARROWS**, Washington, D. C.
Computing—Silvical data; timber tests; timber sales.

Drafting, C. A. KOLB.

PROJECTS.

Compiling and drafting maps of National Forests.
Constructive drawings for improvements on National Forests.
Miscellaneous mechanical and diagrammatic drawings.

Wood Chemistry, H. S. BRISTOL.

PROJECTS.

Study of commercial processes of wood distillation and the standardization and grading of turpentines—**L. F. HAWLEY**, in the Field; assistant, **F. E. LICHTENTHAELER**; Washington, D. C.

Experiments to determine the value of various woods and waste materials for paper pulp—E. SUTERMEISTER; assistant, H. E. SURFACE, both at Washington, D. C.

Study of chemical problems in wood utilization and wood preservatives—E. BATEMAN; assistants, C. F. SPEH and L. W. SARGENT, all in Washington, D. C.

Wood Uses, H. S. BEITS.

PROJECTS.

California—

Tests of the strength of eucalyptus, redwood, and tanbark oak, in cooperation with the University of California, the Northwestern Redwood Company, and the California Redwood Association—L. E. HUNT, Washington, D. C.

Connecticut—

Timber tests, with special reference to the influence of method of drying on the strength of timber, in cooperation with Yale University—H. D. TIEMANN, Yale Station, New Haven; assistant, CORNELIUS BARRY.

Indiana—

Tests of structural timbers and a number of species of hickory, in cooperation with Purdue University and National Hickory Association—W. K. HATT, La Fayette; assistants, J. A. NEWLIN and J. O. BIXBY.

Washington—

Tests of western larch, treated Douglas fir, western hemlock, and National Forest woods, in cooperation with the Western Pine M'f'r's Ass'n, the Pacific Creosoting Co., the Pacific Coast L'br. M'f'r's Ass'n, and the University of Washington—O. P. M. Goss, University Station, Seattle; assistants, A. L. HEIM and G. R. GESSERT.

General Studies—

Washington office, timber tests—ROLF THELEN, in charge; assistants, T. W. VENEMANN and H. E. MCKENZIE.

Design of impact testing machine, and plans for Washington timber-testing laboratory—ROLF THELEN, Washington, D. C.

Collection of statistics of forest products, in cooperation with the Bureau of the Census—A. H. PIERSON, Washington, D. C.; GEORGE K. SMITH, Lumbermen's Building, St. Louis, Mo.

Studies in the heat conductivity of wood—FREDERICK DUNLAP, Washington, D. C.

Study of markets and prices—C. L. HILL, H. B. HOLROYD, and H. S. SACKETT, all at Washington, D. C.; FRANKLIN H. SMITH, Chicago, Ill.

Report on properties and uses of Douglas fir—J. B. KNAPP and L. E. HUNT, both at Washington, D. C.

OFFICE OF WOOD PRESERVATION.

W. F. SHERFESEE, Chief.

PROJECT.

Compilation of data on wood preservation, M. C. JENSEN, Washington, D. C.

National Forest Timbers, WALTER R. WHEATON (in the Field).

PROJECTS.

Colorado—

Erection of a wood-preserving plant for National Forest timbers—C. P. WINSLOW, Glenwood Springs.

South Dakota—

Designs for a wood-preserving plant on the Black Hills National Forest—GEORGE R. OGIER, Deadwood.

Farm Timbers, C. STOWELL SMITH.

PROJECTS.

Maryland—

Preservative treatment of fence posts and other farm timbers, in cooperation with the State Agricultural Experiment Station—C. P. WILLIS, Washington, D. C.

General Studies—

Study of the construction and maintenance of fences—RUDOLPH DIEFFENBACH, Washington, D. C.

Preparation of plans for cooperation in the treatment of farm timbers—G. T. BACKUS and H. B. OAKLEAF, Washington, D. C.

Railroad and Mine Timbers, JOHN M. NELSON, Jr.**PROJECTS.****California—**

Experiments in seasoning and treating telephone poles, in cooperation with electric companies in southern California—O. T. SWAN, Hotel Sequoia, Fresno; assistant, W. H. KEMPFER, 212 South Grand Avenue, Los Angeles.

Idaho—

Experimental and commercial treatment of mine timbers, in cooperation with the Bunker Hill and Sullivan Mining and Concentrating Company.—H. A. PAUL, care S. A. Easton, Kellogg.

Experimental and commercial treatment of mine timber, in cooperation with the Hercules Mining Company—PAUL M. PAINES, care H. L. Day, Wallace.

Louisiana—

Construction and operation of a commercial plant for the treatment of telephone poles, in cooperation with the North Louisiana Telephone Company—CHARLES T. BARNUM, Winnfield.

Pennsylvania—

Construction and operation of a commercial open-tank wood-preserving plant, in cooperation with the Philadelphia and Reading Coal and Iron Company.—JOHN M. NELSON, Jr., Washington, D. C. Assistant detailed by the company, L. W. CONRAD, Pottsville, Pa.

Research, HOWARD F. WEISS.**OFFICE OF PUBLICATION.****FINDLEY BURNS, Chief.**

Education, T. CLEVELAND, Jr.

Review, BRISTOW ADAMS.

Distribution, QUINCY R. CRAFT.

PUBLICATIONS IN APRIL.

Circular 139. A Primer of Wood Preservation.

Circular 142. Tests of Vehicle and Implement Woods.

Circular 146. Experiments with Railway Cross-Ties.

Circular 147. Progress in Chestnut Pole Preservation.

Circular 148. Practical results in Basket Willow Culture.

Farmers' Bulletin 327. The Conservation of National Resources.

Special Circular. Grazing Trespass by Drifting Stock.

BRANCH OF OPERATION.

JAMES B. ADAMS, Assistant Forester, in Charge.

CHAS. S. CHAPMAN, Assistant Forester.

GEO. G. ANDERSON, Assistant in Office Methods.

OFFICE OF ACCOUNTS.

H. B. CRAMER, Fiscal Agent and Chief.

E. A. MELZAR, Assistant Chief.

Audit, GEORGE E. KING.

Bookkeeping, O. H. TIBBOTT.

Receipt, Miss MARY R. LATIMER.

Appointment, Miss F. D. STRAUSE.

OFFICE OF MAINTENANCE.

R. K. HELPHENSTINE, Jr., Chief.

Purchase, H. C. TOWERS.
Record, R. K. HELPHENSTINE, Jr.
Supplies, FELIX T. MOORE.

Photography, A. G. VARELA.
Property Audit, J. G. FALCK.

Supply Depot, Ogden, Utah, A. M. SMITH.

Requisitions will not be filled from this depot until July 1, 1908.

OFFICE OF LANDS.

A. J. C. RINGLAND, Chief.
H. O. STABLER, Assistant Chief.

Special Uses, M. J. McVEAN.
Claims, F. L. HARVEY.
Settlement, C. E. GAGE, Acting.

Status, J. B. SATTERLEE.
Boundaries, S. G. SMITH.

OFFICE OF ENGINEERING.

W. E. HERRING, Chief (in the Field).
F. C. WALES, Acting Chief.

Field Headquarters, Ogden, Utah.
A. T. MITCHELSON, Acting Chief.

OFFICE OF ORGANIZATION.

CLYDE LEAVITT, Chief.
GEO. H. CECIL, Assistant Chief.

D. G. KINNEY, Forest Supervisor, District 1.
C. J. STAHL, Forest Supervisor, District 2.
W. H. GODDARD, Deputy Forest Supervisor, District 3.
A. W. JENSEN, Forest Supervisor, District 4.
F. H. HAFLY, Forest Supervisor, District 5.
G. W. MILHAM, Forest Supervisor, District 6.

NATIONAL FORESTS.

(Numerals following National Forests indicate Inspection Districts.)

ALASKA.

Afognak—W. A. LANGILLE, Forest Supervisor, Ketchikan. (6)
Alexander Archipelago—W. A. LANGILLE, Forest Supervisor, Ketchikan. (6)
Chugach—W. A. LANGILLE, Forest Supervisor, Ketchikan; HOWARD M. CONRAD, Deputy Forest Supervisor. (6)
Tongass—W. A. LANGILLE, Forest Supervisor, Ketchikan. (6)

ARIZONA.

Baboquivari—ROSCOE G. WILLSON, Forest Supervisor, Nogales. (3)
Black Mesa (N.)—ALEX. J. MACKAY, Forest Supervisor, Show Low. (3)
Black Mesa (S.)—DRAYTON C. MARTIN, Forest Supervisor, Springerville. (3)
Chiricahua—A. H. ZACHAU, Acting Forest Supervisor, Douglas; H. D. BURRALL, Forest Assistant. (3)
Dragoon—ROBERT J. SELKIRK, Forest Supervisor, Benson. (3)
Grand Canyon (N.)—JOHN H. CLARK, Acting Forest Supervisor, Kanab, Utah; DANIEL K. JUDD, Deputy Forest Supervisor. (4)
Grand Canyon (S.)—F. C. W. POOLER, Forest Supervisor, Flagstaff. (3)
Huachuca—ROSCOE G. WILLSON, Forest Supervisor, Nogales. (3)
Mount Graham—THEODORE T. SWIFT, Forest Supervisor, Safford. (3)
Prescott—C. H. HINDERER, Forest Supervisor, Prescott. (3)
San Francisco Mountains—F. C. W. POOLER, Forest Supervisor, Flagstaff; WILLARD M. DRAKE, Forest Assistant. (3)
Santa Catalina—ROBERT J. SELKIRK, Forest Supervisor, Benson. (3)

Santa Rita—ROBERT J. SELKIRK, Forest Supervisor, Benson. (3)
Tonto (N.)—W. H. REED, Forest Supervisor, Roosevelt. (3)
Tonto (S.)—THEODORE T. SWIFT, Forest Supervisor, Safford.
Tumacacori—ROScoe G. WILLSON, Forest Supervisor, Nogales. (3)
Verde—C. H. HINDERER, Forest Supervisor, Prescott. (3)

ARKANSAS.

Arkansas—S. J. RECORD, Forest Supervisor, Fort Smith; W. F. HILL, Deputy Forest Supervisor; J. E. KEACH, Forest Assistant. (3)
Ozark—S. J. RECORD, Forest Supervisor, Fort Smith; W. F. HILL, Deputy Forest Supervisor; J. E. KEACH, Forest Assistant. (3)

CALIFORNIA.

Diamond Mountain—L. A. BARRETT, Forest Supervisor, Quincy; L. A. H. KLING, Deputy Forest Supervisor. (5)
Inyo—A. H. HOGUE, Forest Supervisor, Bishop. (5)
Klamath—R. L. P. BIGELOW, Forest Supervisor, Yreka; F. W. HARLEY, Deputy Forest Supervisor; R. G. POND, Forest Assistant. (5)
Lassen Peak—L. A. BARRETT, Forest Supervisor, Quincy; L. A. H. KLING, Deputy Forest Supervisor. (5)
Modoc—C. E. RACHFORD, Forest Supervisor, Alturas; V. L. BONNER, Deputy Forest Supervisor. (5)
Monterey—FRANCIS P. PORCHER, Acting Forest Supervisor, Salinas. (5)
Pinnacles—FRANCIS P. PORCHER, Acting Forest Supervisor, Salinas. (5)
Plumas—L. A. BARRETT, Forest Supervisor, Quincy; L. A. H. KLING, Deputy Forest Supervisor. (5)
San Benito—FRANCIS P. PORCHER, Acting Forest Supervisor, Salinas. (5)
San Bernardino—R. H. CHARLTON, Forest Supervisor, Los Angeles. (5)
San Gabriel—R. H. CHARLTON, Forest Supervisor, Los Angeles; Pasadena Planting Station—SEROPE Y. PARNAy, Forest Planting Assistant, San Bernardino. (5)
San Jacinto—H. A. E. MARSHALL, Forest Supervisor, Hemet; ARTHUR W. BARTLETT, Deputy Forest Supervisor. (5)
San Luis Obispo—E. S. MAINWARING, Forest Supervisor, San Luis Obispo. (5)
Santa Barbara—WILLIS M. SLOSSON, Forest Supervisor, Santa Barbara; H. G. MERRILL, Deputy Forest Supervisor; Assistant, H. C. MUZZALL, Santa Barbara. (5)
Shasta—W. B. RIDER, Acting Forest Supervisor, Sisson; R. F. HAMMATT, Forest Assistant. (5)
Sierra (E.)—A. H. HOGUE, Forest Supervisor, Bishop. (5)
Sierra (N.)—CHARLES H. SHINN, Forest Supervisor, Northfork; H. J. TOMPKINS, Forest Assistant. (5)
Sierra (S.)—W. B. GREELEY, Forest Supervisor, Hot Springs; W. C. BURTON, Deputy Forest Supervisor; W. M. MAULE, Forest Assistant. (5)
Stanislaus—STUART J. FLINTHAM, Acting Forest Supervisor, Sonora; R. W. AYRES, Forest Assistant. (5)
Stony Creek—ERNEST BRITTON, Forest Supervisor, Elk Creek. (5)
Tahoe—MADISON B. ELLIOTT, Forest Supervisor, Nevada City; M. B. PRATT, Forest Assistant. (5)
Trabuco Canyon—H. A. E. MARSHALL, Forest Supervisor, Hemet; ARTHUR W. BARTLETT, Deputy Forest Supervisor. (5)
Trinity—W. A. HUESTIS, Acting Forest Supervisor, Weaverville. (5)
Warner Mountains—C. E. RACHFORD, Forest Supervisor, Alturas; V. L. BONNER, Deputy Forest Supervisor. (5)

COLORADO.

Battlement Mesa—DAVID ANDERSON, Forest Supervisor, Collbran; JOHN W. LOWELL, Jr., Deputy Forest Supervisor. (2)
Cochetopa—EUGENE WILLIAMS, Forest Supervisor, Saguache. (2)
Fruita—H. K. PORTER, Forest Supervisor, Delta; HENRY L. SPENCER, Deputy Forest Supervisor; J. H. RAMSKILL, Forest Assistant. (2)
Gunnison—WM. R. KREUTZER, Forest Supervisor, Gunnison; E. C. BERKY, Deputy Forest Supervisor. (2)
Holy Cross—HARRY H. FRENCH, Forest Supervisor, Glenwood Springs; JOHN McLAREN, Deputy Forest Supervisor; SWIFT BERRY, Forest Assistant. (2)
La Sal—ORRIN C. SNOW, Forest Supervisor, Moab, Utah. (2)

- Las Animas**—D. E. FITTON, Forest Supervisor, La Veta. (2)
Leadville—A. L. STROUP, Forest Supervisor, Leadville; J. F. BRUINS, Forest Assistant. (2)
Medicine Bow (Colo. Div.)—HERBERT N. WHEELER, Forest Supervisor, Estes Park. (2)
Montezuma—JAS. N. LANGWORTHY, Acting Forest Supervisor, Durango; C. M. GRANGER, Forest Assistant. (2)
Ouray—H. K. PORTER, Forest Supervisor, Delta; HENRY L. SPENCER, Deputy Forest Supervisor; J. H. RAMSKILL, Forest Assistant. (2)
Park Range—J. H. RATLIFF, Acting Forest Supervisor, Steamboat Springs. (2)
Pikes Peak—C. W. FITZGERALD, Acting Forest Supervisor, Denver; W. J. MORRILL, Deputy Forest Supervisor; H. C. NEEL, Forest Assistant; Pikes Peak Planting Station—W. SHRADER, Forest Planting Assistant, Monument. (2)
San Isabel—THEODORE SHOEMAKER, Acting Forest Supervisor, West Cliffe. (2)
San Juan—F. C. SPENCER, Forest Supervisor, Monte Vista; A. A. PARKER, Deputy Forest Supervisor; P. T. COOLIDGE, Forest Assistant. (2)
Uncompahgre—H. K. PORTER, Forest Supervisor, Delta; HENRY L. SPENCER, Deputy Forest Supervisor; J. H. RAMSKILL, Forest Assistant. (2)
Wet Mountains—THEODORE SHOEMAKER, Acting Forest Supervisor, West Cliffe. (2)
White River—JAMES A. BLAIR, Forest Supervisor, Meeker; IRVING T. WORTHLEY, Forest Assistant. (2)

IDAHO.

- Bear River**—MARK G. WOODRUFF, Forest Supervisor, Logan, Utah; J. F. SQUIRES, Deputy Forest Supervisor. (4)
Big Hole (S.)—J. B. SEELY, Forest Supervisor, Sheridan, Mont. (1)
Bitter Root—F. A. FENN, Forest Supervisor, Kooskia. (1)
Cabinet (N.)—GLEN A. SMITH, Acting Forest Supervisor, Libby, Mont. (1)
Caribou—J. T. WEDEMEYER, Forest Supervisor, Idaho Falls. (4)
Cassia—WM. MCCOY, Acting Forest Supervisor, Oakley. (4)
Coeur d'Alene—RICHARD H. RUTLEDGE, Forest Supervisor, Wallace; J. E. BARTON, Deputy Forest Supervisor; DORR SKEELS, Forest Assistant. (1)
Henry's Lake—HOMER E. FENN, Forest Supervisor, St. Anthony; FOSTER STEELE, Deputy Forest Supervisor. (4)
Kootenai—GLEN A. SMITH, Acting Forest Supervisor, Libby, Mont. (1)
Lemhi—C. L. SMITH, Acting Forest Supervisor, Mackay. (4)
Palouse—RICHARD H. RUTLEDGE, Forest Supervisor, Wallace; J. E. BARTON, Deputy Forest Supervisor; DORR SKEELS, Forest Assistant. (1)
Payette—GUY B. MAINS, Forest Supervisor, Meadows; HENRY A. BERGH, Deputy Forest Supervisor. (4)
Pocatello—P. T. WRENSTED, Forest Supervisor, Pocatello; Pocatello Planting Station, R. I. KEATOR, Forest Planting Assistant, Pocatello. (4)
Port Neuf—P. T. WRENSTED, Forest Supervisor, Pocatello. (4)
Priest River—R. L. FROMME, Forest Supervisor, Newport, Wash. (1)
Raft River—WM. MCCOY, Acting Forest Supervisor, Oakley. (4)
Salmon River—GEORGE G. BENTZ, Forest Supervisor, Salmon City. (4)
Sawtooth (E.)—C. N. WOODS, Forest Supervisor, Hailey; H. G. MCPHETERS, Deputy Forest Supervisor. (4)
Sawtooth (W.)—O. M. BUTLER, Acting Forest Supervisor, Boise. (4)
Weiser—J. B. LAFFERTY, Forest Supervisor, Weiser; WALTER M. CAMPBELL, Deputy Forest Supervisor; C. G. SMITH, Forest Assistant. (4)
Yellowstone (Idaho Div.)—HOMER E. FENN, Forest Supervisor, St. Anthony; FOSTER STEELE, Deputy Forest Supervisor. (4)

KANSAS.

- Garden City**—W. H. MAST, Acting Forest Supervisor, Halsey, Nebr.; H. R. SHOCKLEY, Deputy Forest Supervisor; Garden City Planting Station—C. R. TAYLOR, Forest Planting Assistant, Garden City. (2)

MINNESOTA.

- Minnesota**—G. E. MARSHALL, Forest Supervisor, Cass Lake. (2)

MONTANA.

- Big Belt**—D. W. MARYOTT, Acting Forest Supervisor, Townsend. (1)
Big Hole (Anaconda Div.)—P. S. LOVEJOY, Acting Forest Supervisor, Anaconda. (1)

- Big Hole (N.)**—C. K. WYMAN, Forest Supervisor, Dillon; ROBT. J. MOORE, Deputy Forest Supervisor. (1)
- Big Hole (S.)**—J. B. SEELY, Forest Supervisor, Sheridan. (1)
- Bitter Root (Montana Div.)**—ELERS KOCH, Forest Supervisor, Missoula; W. W. WHITE, Deputy Forest Supervisor; K. R. MACGUFFEY, Forest Assistant. (1)
- Cabinet (N.)**—GLEN A. SMITH, Acting Forest Supervisor, Libby. (1)
- Cabinet (S.)**—ROY HEADLEY, Forest Supervisor, Thompson Falls. (1)
- Crazy Mountains**—E. C. RUSSELL, Forest Supervisor, Livingston. (1)
- Ekalaka**—C. A. BALLINGER, Acting Forest Supervisor, Camp Crook, S. Dak. (2)
- Elkhorn**—D. W. MARYOTT, Acting Forest Supervisor, Townsend. (1)
- Gallatin**—H. C. CLEVELAND, Acting Forest Supervisor, Bozeman. (1)
- Helena**—DWIGHT BUSHNELL, Forest Supervisor, Helena; M. N. STICKNEY, Forest Assistant. (1)
- Hell Gate (E.)**—P. S. LOVEJOY, Acting Forest Supervisor, Anaconda. (1)
- Hell Gate (W.)**—ELERS KOCH, Forest Supervisor, Missoula; W. W. WHITE, Deputy Forest Supervisor; K. R. MACGUFFEY, Forest Assistant. (1)
- Highwood Mountains**—JAMES G. THAIN, Forest Supervisor, Highwood. (1)
- Kootenai**—GLEN A. SMITH, Acting Forest Supervisor, Libby. (1)
- Lewis and Clark (N.)**—WM. H. DAUGS, Acting Forest Supervisor, Kalispell. (1)
- Lewis and Clark (S.)**—PAGE S. BUNKER, Forest Supervisor; CHAS. E. SCHOONOVER, Deputy Forest Supervisor, Kalispell. (1)
- Little Belt**—R. W. STUART, Forest Supervisor, Great Falls. (1)
- Little Rockies**—JAMES G. THAIN, Forest Supervisor, Highwood. (1)
- Lolo**—ELERS KOCH, Forest Supervisor, Missoula; W. W. WHITE, Deputy Forest Supervisor; K. R. MACGUFFEY, Forest Assistant. (1)
- Long Pine**—C. A. BALLINGER, Acting Forest Supervisor, Camp Crook, S. Dak. (2)
- Madison**—J. B. SEELY, Forest Supervisor, Sheridan. (1)
- Missoula**—ELERS KOCH, Forest Supervisor, Missoula; W. W. WHITE, Deputy Forest Supervisor; K. R. MACGUFFEY, Forest Assistant. (1)
- Otter**—A. C. McCAIN, Forest Supervisor, Ashland. (1)
- Pryor Mountains**—H. W. THURSTON, Forest Supervisor, Cody, Wyo.; V. GIFFORD LANTRY, Jr., Deputy Forest Supervisor; C. N. WHITNEY, Forest Assistant. (1)
- Snowy Mountains**—R. W. STUART, Forest Supervisor, Great Falls. (1)
- Yellowstone (Absaroka Div.)**—E. C. RUSSELL, Forest Supervisor, Livingston. (1)

NEBRASKA.

- Dismal River**—W. H. MAST, Acting Forest Supervisor, Halsey; H. R. SHOCKLEY, Deputy Forest Supervisor. (2)
- Niobrara**—W. H. MAST, Acting Forest Supervisor, Halsey; H. R. SHOCKLEY, Deputy Forest Supervisor. (2)
- North Platte**—W. H. MAST, Acting Forest Supervisor, Halsey; H. R. SHOCKLEY, Deputy Forest Supervisor. (2)

NEVADA.

- Charleston**—HARRY E. MATHEWS, Acting Forest Supervisor, Las Vegas. (4)
- Independence**—C. SYDNEY TREMEWAN, Acting Forest Supervisor, Elko. (4)
- Monitor**—DAVID BARNETT, Acting Forest Supervisor, Austin. (4)
- Ruby Mountains**—C. SYDNEY TREMEWAN, Acting Forest Supervisor, Elko. (4)
- Tahoe**—M. B. ELLIOTT, Forest Supervisor, Nevada City, Cal.; M. B. PRATT, Forest Assistant. (5)
- Toiyabe**—DAVID BARNETT, Acting Forest Supervisor, Austin. (4)
- Toquima**—DAVID BARNETT, Acting Forest Supervisor, Austin. (4)
- Vegas**—HARRY E. MATHEWS, Acting Forest Supervisor, Las Vegas. (4)

NEW MEXICO.

- Big Burros**—DOUGLAS RODMAN, Acting Forest Supervisor, Silver City. (3)
- Gallinas**—J. H. KINNEY, Forest Supervisor, Capitan. (3)
- Gila (N.)**—JOHN KERR, Forest Supervisor, Magdalena. (3)
- Gila (S.)**—DOUGLAS RODMAN, Acting Forest Supervisor, Silver City; L. L. JANES, Forest Assistant; Fort Bayard Planting Station—W. B. HADLEY, Forest Assistant, Fort Bayard; H. C. TURNER and A. HEDRICKS, Planting Assistants. (3)
- Guadalupe**—ARTHUR M. NEAL, Acting Forest Supervisor, Alamogordo. (3)
- Jemez**—ROSS McMILLAN, Forest Supervisor, Santa Fe; THOS. R. STEWART, Deputy Forest Supervisor; ELWOOD I. TERRY, Forest Assistant. (3)

- Lincoln**—J. H. KINNEY, Forest Supervisor, Capitan. (3)
Magdalena—JOHN KERR, Forest Supervisor, Magdalena. (3)
Manzano—A. D. READ, Acting Forest Supervisor, Albuquerque. (3)
Pecos River—ROSS McMILLAN, Forest Supervisor, Santa Fe; THOS. R. STEWART, Deputy Forest Supervisor; ELWOOD I. TERRY, Forest Assistant. Las Gallinas
Planting Station—W. D. HAYES, Forest Assistant, East Las Vegas. (3)
Peloncillo—A. H. ZACHAU, Acting Forest Supervisor, Douglas, Ariz.; H. D. BURRALL, Forest Assistant. (3)
Sacramento—ARTHUR M. NEAL, Acting Forest Supervisor, Alamogordo. (3)
San Mateo—JOHN KERR, Forest Supervisor, Magdalena. (3)
Taos—ROSS McMILLAN, Forest Supervisor, Santa Fe; THOS. R. STEWART, Deputy Forest Supervisor; ELWOOD I. TERRY, Forest Assistant. (3)

OKLAHOMA.

- Wichita**—FRANK RUSH, Acting Forest Supervisor, Cache. (3)

OREGON.

- Ashland**—M. J. ANDERSON, Forest Supervisor, Grants Pass; HUGH M. GUTHRIE, Deputy Forest Supervisor; N. F. MACDUFF, Forest Assistant. (6)
Blue Mountains (E.)—HENRY IRELAND, Forest Supervisor, Sumpter. (6)
Blue Mountains (Malheur)—CY. J. BINGHAM, Acting Forest Supervisor, John Day. (6)
Blue Mountains (W.)—A. S. IRELAND, Forest Supervisor, Prineville. (6)
Bull Run—THOS. H. SHERRARD, Forest Supervisor, Portland; A. E. COHOON, Deputy Forest Supervisor. (6)
Cascade (N.)—THOS. H. SHERRARD, Forest Supervisor, Portland; A. E. COHOON, Deputy Forest Supervisor. (6)
Cascade (Willamette)—C. R. SEITZ, Forest Supervisor, Eugene; J. ROY HARVEY, Deputy Forest Supervisor. (6)
Cascade (Umpqua)—S. C. BARTRUM, Forest Supervisor, Roseburg; H. M. HALE, Forest Assistant. (6)
Cascade (Mazama)—C. J. BUCK, Acting Forest Supervisor, Medford; SAMUEL S. SWENNING, Deputy Forest Supervisor; H. D. FOSTER, Forest Assistant. (6)
Coquille—M. J. ANDERSON, Forest Supervisor, Grants Pass; HUGH M. GUTHRIE, Deputy Forest Supervisor; N. F. MACDUFF, Forest Assistant. (6)
Fremont—GUY M. INGRAM, Forest Supervisor, Lakeview; G. D. BROWN, Deputy Forest Supervisor. (6)
Goose Lake—GUY M. INGRAM, Forest Supervisor, Lakeview; G. D. BROWN, Deputy Forest Supervisor. (6)
Heppner—THOMAS E. CHIDSEY, Forest Supervisor, Heppner. (6)
Imnaha—HOWARD K. O'BRIEN, Forest Supervisor, Wallowa; HARVEY W. HARRIS, Deputy Forest Supervisor. (6)
Siskiyou—M. J. ANDERSON, Forest Supervisor, Grants Pass; HUGH M. GUTHRIE, Deputy Forest Supervisor; N. F. MACDUFF, Forest Assistant. (6)
Tillamook—C. R. SEITZ, Forest Supervisor, Eugene. (6)
Umpqua—C. R. SEITZ, Forest Supervisor, Eugene. (6)
Wenaha—J. M. SCHMITZ, Forest Supervisor, Walla Walla, Wash.; THOS. P. MACKENZIE, Deputy Forest Supervisor. (6)

PORTO RICO.

- Luquillo**—MAX ROTHKUGEL, Acting Forest Supervisor, San Juan. (3)

SOUTH DAKOTA.

- Black Hills**—E. M. HAMILTON, Forest Supervisor, Deadwood; ARTHUR E. LYNN, Deputy Forest Supervisor; H. F. STUDLEY and JOHN MURDOCH, Jr., Forest Assistants. (2)
Cave Hills—C. A. BALLINGER, Acting Forest Supervisor, Camp Crook. (2)
Short Pine—C. A. BALLINGER, Acting Forest Supervisor, Camp Crook. (2)
Slim Buttes—C. A. BALLINGER, Acting Forest Supervisor, Camp Crook. (2)

UTAH.

- Aquarius**—GEORGE H. BARNEY, Forest Supervisor, Escalante. (4)
Bear River—MARK G. WOODRUFF, Forest Supervisor, Logan; J. F. SQUIRES, Deputy Supervisor. (4)
Beaver—WILLIAM HURST, Forest Supervisor, Beaver. (4)
Dixie—CHARLES G. Y. HIGGINS, Forest Supervisor, St. George. (4)
Fillmore—WILLIAM HURST, Forest Supervisor, Beaver. (4)
Fish Lake—N. E. SNELL, Forest Supervisor, Salina. (4)
Glenwood—N. E. SNELL, Forest Supervisor, Salina. (4)
Grantsville—C. F. COOLEY, Forest Supervisor, Grantsville. (4)
La Sal—ORRIN C. SNOW, Forest Supervisor, Moab. (2)
Manti—PARLEY CHRISTIANSON, Acting Forest Supervisor, Ephraim. (4)
Monticello—ORRIN C. SNOW, Forest Supervisor, Moab. (2)
Payson—DAN S. PACK, Forest Supervisor, Payson. (4)
Rait River—WM. MCCOY, Acting Forest Supervisor, Oakley, Idaho. (4)
Salt Lake—E. H. CLARKE, Forest Supervisor, Salt Lake City; Wasatch Planting Station—N. J. FETHEROLF, Forest Planting Assistant, Silver Lake. (4)
Sevier—FRANK W. SEAMAN, Acting Forest Supervisor, Panguitch. (4)
Uinta—WILLARD I. PACK, Forest Supervisor, Provo; D. S. MARSHALL, Deputy Forest Supervisor; WM. M. ANDERSON, Deputy Forest Supervisor. (4)
Vernon—C. F. COOLEY, Forest Supervisor, Grantsville. (4)
Wasatch—E. H. CLARKE, Forest Supervisor, Salt Lake City. (4)

WASHINGTON.

- Colville**—W. W. CRYDER, Forest Supervisor, Republic. (6)
Olympic—FRED HANSON, Forest Supervisor, Hoodspur. (6)
Priest River—R. L. FROMME, Forest Supervisor, Newport. (1)
Rainier—G. F. ALLEN, Forest Supervisor, Orting; F. B. KELLOGG, Forest Assistant. (6)
Washington (Chehal Div.)—DELMER S. RICE, Acting Forest Supervisor, Chelan. (6)
Washington (W.)—B. P. KIRKLAND, Acting Forest Supervisor, Sumas. (6)
Washington (Wenatchee Div.)—C. H. FLORY, Forest Supervisor, Wenatchee. (6)
Wenaha—J. M. SCHMITZ, Forest Supervisor, Walla Walla; THOS. P. MACKENZIE, Deputy Forest Supervisor. (6)

WYOMING.

- Big Horn**—W. E. JACKSON, Forest Supervisor, Big Horn. (1)
Caribou—J. T. WEDEMAYER, Forest Supervisor, Idaho Falls, Idaho. (4)
Crow Creek—J. W. NELSON, Forest Supervisor, Saratoga; JAMES BLACKHALL, Deputy Forest Supervisor; R. A. STRETCH and JOHN H. BRIDGES, Forest Assistants. (2)
Medicine Bow (Wyo. Div.)—J. W. NELSON, Forest Supervisor, Saratoga; JAMES BLACKHALL, Deputy Forest Supervisor; R. A. STRETCH and JOHN H. BRIDGES, Forest Assistants. (2)
Sierra Madre—J. W. NELSON, Forest Supervisor, Saratoga; JAMES BLACKHALL, Deputy Forest Supervisor; R. A. STRETCH and JOHN H. BRIDGES, Forest Assistants. (2)
Sundance—G. C. SMITH, Acting Forest Supervisor, Sundance. (2)
Uinta—WILLARD I. PACK, Forest Supervisor, Provo, Utah; D. S. MARSHALL and WM. M. ANDERSON, Deputy Forest Supervisors. (4)
Yellowstone (Shoshone Div.)—H. W. THURSTON, Forest Supervisor, Cody; V. GIFFORD LANTRY, Deputy Forest Supervisor; C. N. WHITNEY, Forest Assistant. (1)
Yellowstone (Teton Div.)—ROBT. E. MILLER, Forest Supervisor, Jackson. (4)
Yellowstone (Wind River Div.)—ZEPH JONES, Forest Supervisor, Pinedale. (4)

SERVICE CHANGES IN APRIL.

APPOINTED.

Products—

WOOD PRESERVATION: CLARENCE P. WILLIS, Forest Assistant; RUDOLPH DIEFFENBACH, Forest Assistant; G. T. BACKUS, Forest Assistant; HOWARD B. OAKLEAF, Forest Assistant; CHAS. T. BARNUM, Expert.

Silviculture—

FOREST MANAGEMENT: D. M. LANG, Forest Agent.

EXTENSION: ELMER E. LAWBAUGH, Forest Planting Assistant; ROSCOE I. KEATOR, Forest Planting Assistant; CECIL R. BECHTLE, Forest Planting Assistant; AMOS HEADRICKS, Forest Planting Assistant; WALTER H. SCHRADER, Forest Planting Assistant; ALFRED SENN, Forest Agent.

Operation—

ORGANIZATION: A. H. SYLVESTER, Topographer; WM. H. KOBBE, Forest Assistant.
ENGINEERING: PERCY G. SMITH, Constructing Engineer.

RESTORED TO THE ROLLS WITH PAY.

Forester—

INSPECTION: F. A. SILCOX, Inspector.

FURLoughed.

Forester—

INSPECTION: F. E. OLMS TED, Chief Inspector.

Products—

WOOD UTILIZATION: E. A. ZIEGLER, Chief of Computing.

Silviculture—

SILVICS: W. W. ASHE, Forest Assistant.

Operation—

ORGANIZATION: H. H. HARRIS, Supervisor, Manzano National Forest.

RESIGNED.

Forester—

LAW: GEO. F. POLLOCK, Principal Examiner.

Operation—

ENGINEERING: FRED W. CATER, Constructing Engineer.

ORGANIZATION: C. T. McGLONE, Supervisor, Chiricahua National Forest; IRA E. TODD, Supervisor, Little Belt and Snowy Mountains National Forests; G. A. COLEMAN, Supervisor, Shasta National Forest.

CHANGE IN DESIGNATION.

Products—

CARL G. CRAWFORD, Specialist in Wood Preservation.

WOOD PRESERVATION: WM. F. SHERFESEE, Chief.

SUSPENDED.

Operation—

ORGANIZATION: FRANK CRAWFORD, Deputy Forest Ranger, Stony Creek National Forest; WM. ANDERSON, Deputy Forest Ranger, Cabinet (S.) National Forest.

With deep regret, announcement is made of the accidental death, at Cameron Mont., on April 22, of Assistant Forest Ranger Charles M. Railey, of the Gallatin National Forest.

SERVICE NOTES FOR MAY.

These notes contain instructions and necessary information for Forest officers, and will, therefore, be carefully read and kept on file for reference.

OFFICE OF THE FORESTER.

LAW.

Legal Proceedings Recommended—

Alexander Archipelago National Forest—Alaska Copper Company, unlawful occupancy.

Holy Cross National Forest—Fred Light, trespass by drifting stock.

Toiyabe National Forest—Dearcy, timber trespass (criminal).

Washington (Chelan) National Forest—Harry Loughname, timber trespass, and Holcomb & Prewitt, timber trespass.

Weiser (Idaho) National Forest—Iron Springs Mining Company, timber trespass.

Cases involving State Fence Laws—

The trespass case against Fred Light (Holy Cross), above mentioned, involves the question, whether National Forests are subject to State fence laws. The decision of Judge Hunt, in the Shannon case (Use Book, p. 210), that the Forests are not subject to the fence laws, was affirmed by the decision of the United States Circuit Court of Appeals for the Ninth Circuit, at San Francisco, on February 3. That decision has been printed as a circular, for distribution to all Forest officers. It is binding upon all Federal courts in the ninth circuit, and it is believed that it will be followed by all other Federal courts. Colorado is in the eighth circuit, and would be governed by a decision of the Circuit Court of Appeals at St. Louis.

Correction in The Use Book—

Attention is called to The Use Book, page 40, line 12. The words "cubic inches" should be stricken out and "cubic feet per second, or miner's inches" should be inserted instead. In order that water appropriations for National Forest uses shall be valid, it is necessary that these instructions be carefully observed.

BRANCH OF SILVICULTURE.

OFFICE OF FOREST MANAGEMENT.

Colors of Crayons Used in Scaling—

There seems to be some misunderstanding in regard to the significance of the various colors of crayons used in scaling. The black crayon is to be used by rangers and others when the original scale is made. Blue crayons are for the use of inspectors or lumbermen when making a check scale, while red crayons are for the use of inspectors and lumbermen in case a recheck scale is considered necessary.

OFFICE OF SILVICS.

Laboratory of Forest Pathology—

By a cooperative arrangement with the Bureau of Plant Industry a laboratory of forest pathology has been established in that Bureau, for the study of all problems relating to tree diseases. In order to make this cooperation effective in securing the best possible results, all members of the Forest Service will, in the future, pay particular attention to the occurrence of tree diseases in the Forests.

Correspondence relating to these matters should be addressed to the Forester, but, in order to avoid delay and possible deterioration of the specimens, which should always accompany the correspondence, they should be sent directly to the Laboratory of Forest Pathology, Bureau of Plant Industry, U. S. Department of Agriculture. With each specimen should be sent a slip of paper giving the name of sender, the name of collector, the place and date of collection, and the name of the tree on which the specimen was found. Twigs, small branches, woody fungi, and sections of wood that do not weigh over 4 pounds may be wrapped in paper and mailed. Leaves may be pressed flat until partially dry, and sent in an envelope. Fleshy fungi, which are likely to decay in transit, should either be thoroughly dried before being sent, or should be sent in some preservative liquid—such as alcohol or vinegar. Specimens too heavy to be sent by mail should be forwarded by express, charges collect.

Use of Field Libraries by Rangers—

In order that rangers may be made more familiar with the books in the field libraries, each supervisor is instructed to send in succession all the books in his library to each ranger, for his inspection or perusal.

Before starting a book on its rounds, the names of all the rangers who are to use it should be entered on the charge card found in the pocket on the inside of the back cover. If there is not enough space on the front for all of the names to be entered, the back of the card may be used. The book should then be sent to the ranger whose name comes first on the card, to be returned to the supervisor's office when he is through with it. The card should be kept on file by the supervisor, in order that he may know where the book is. As soon as the book is returned by the first borrower, his name should be canceled from the card, and the book sent to the man whose name comes next on the list. The book should be kept in circulation in this way until every ranger has had a chance to see it.

In entering the names of the rangers on the cards, care should be taken to see that each ranger heads the list for at least one book. If there are more than enough books to go around, two or three books at a time may be loaned to the same man, provided this will not deprive the supervisor of the use of reference books which he may need in connection with his work. Rangers should be instructed to return the books to the supervisor's office as promptly as possible after they are through with them.

The following books are being considered for purchase for field libraries:

Hodgman's Land Surveying.

Copp's Land Laws and Decisions.

Some of the best lumber journals.

A good abridged dictionary.

A decision in regard to these books will be reached within a short time.

Weather Bureau Records—

During the past month a number of meteorological records by cooperative and voluntary observers of the Weather Bureau have been forwarded through the supervisors to the Forester. These records are not connected with the proposed cooperative work between the Forest Service and the Weather Bureau, mentioned in the Field Program for April, and should in all cases be sent directly to the Weather Bureau.

BRANCH OF GRAZING.

Protection of Stock and Game—

...Hereafter all correspondence and reports dealing with the enforcement of laws or regulations for the protection of stock and game, including the extermination of predatory wild animals, and with the appointment of Forest officers as Deputy Game Wardens, will be handled in the Branch of Grazing. All reports made by Inspectors should include these subjects in Section IV, Grazing, instead of in Section IX, Protection, Paragraphs 3 and 11, as hitherto.

The Section of Boundaries in the Office of Lands will continue to act upon all matters relating to the creation of game preserves or to changes in their boundary lines, but the Branch of Grazing will act upon all matters pertaining to their administration.

BRANCH OF OPERATION.

OFFICE OF ACCOUNTS.

Temporary Employees in the Field—

The Civil Service Commission rules that the designation "Laborer," generally applied to temporary employees, is not sufficient to enable the Commission properly to classify such employees. Hereafter all accounts for the services of temporary employees must include a definite statement of the character of the labor performed, how the services were applied, and the period of service, with dates of beginning and termination. Such a loose statement as *From May 10 to 25, five days, at \$2.00,* should not be given. The exact dates of service should be specified.

Food Supplies—

Reimbursement for meals and lodging of officers in charge of stations and serving at headquarters is unauthorized under Fiscal Regulation 16. When such officers purchase food supplies, they should not fail to state on the subvoucher accompanying Form 4, or on the face of Form A, the fact either that *Food supplies were used by me* (or by regularly appointed subordinates, giving name or names) *while absent from headquarters on official business* (giving dates), or that *Food supplies were used exclusively by temporary employees*, giving the number of employees and inclusive dates of employment. This is in accordance with Fiscal Regulation 9 (e).

Reimbursement Accounts—

The Comptroller of the Treasury has decided that reimbursement for advances of private funds to meet other than purely personal expenses is contrary to law, and that reimbursement accounts must not include expenses incurred by subordinates or amounts paid to temporary employees for services, except in emergency cases.

In view of this decision, subordinates will hereafter submit their own accounts for reimbursement of their expenses incurred under proper authority. The account will be initialed by the supervisor to indicate his approval, and will be forwarded by him with Form 99. This applies equally to chiefs of parties and their subordinates engaged upon investigative work.

All charges for services of temporary laborers, for purchase of supplies (in excess of \$10), or for rent of offices should be submitted on Form A vouchers. If the supervisor is also a temporary disbursing agent he can, when authorized, pay temporary employees on Form A, to obviate delay. But if he is not a disbursing officer he should not include such payment for services in a reimbursement account, except when immediate payment is demanded by the temporary employee, and then the fact should be fully and clearly shown when the account is submitted for settlement.

Forest officers submitting accounts for reimbursement on Form 4 are required to certify that the payments have actually been made as stated. This statement would obviously be false if reimbursement is claimed before payment is actually made. Such falsification is covered by paragraph 11 of the Fiscal Regulations.

Expense of Examining Civil Service Applicants—

Items of expense clearly incident to examinations to establish civil service eligible lists are not properly chargeable to the appropriations of the Forest Service, and should not be included in monthly reimbursement accounts. When such expenditures have been authorized they should be submitted in separate account on Form 4, and be sent to this office. After approval they will be forwarded to the Civil Service Commission.

OFFICE OF MAINTENANCE.

Brush burners can now be obtained from the Property Clerk on requisition.

OFFICE OF LANDS.

Act of June 11, 1906. Surveys—

Attention is called to the following instructions issued by the General Land Office to registers and receivers of local land offices. Forest officers examining land applied for under the act of June 11, 1906, should explain this important ruling to applicants. It will be noted that only surveyed land is involved:

DEPARTMENT OF THE INTERIOR,
GENERAL LAND OFFICE,
Washington, D. C., March 12, 1908.

REGISTERS AND RECEIVERS,

United States Land Offices.

SIRS: Your attention is called to paragraph 8 of the regulations of July 23, 1907 (30 L. D., 30), relative to the surveying of lands entered within national forests, under the act of June 11, 1906 (34 Stats., 233), and you are informed that surveys of tracts entered under this act will not be required when such tracts can be described as quarter-quarter sections, or lotted portions of surveyed sections, or as a quarter or a half of a surveyed quarter-quarter section or rectangular lotted tract, or as a quarter or a half of a surveyed quarter-quarter section or rectangular lotted tract.

The requirements of that paragraph and of the act of June 11, 1906, extend only to unsurveyed lands and to parts of lotted subdivisions of surveyed sections which are not rectangular, and not to platted subdivisions or aliquot parts of such platted subdivisions as are rectangular.

Very respectfully,

FRED DENNETT,
Commissioner.

Approved: March 12, 1908.

FRANK PIERCE,

First Assistant Secretary.

Administrative Sites—

If unsurveyed land which is apparently in the primary limits of a railroad grant is absolutely needed for administrative sites, supervisors should recommend that it be withdrawn. If such recommendation is approved, the Forester will endeavor to secure full relinquishment by the railroad company.

Expenses Incident to Hearings—

Supervisors should bear in mind that, under Paragraph 6 of Service Order No. 5, the Forest Service can not reimburse them for witness fees paid by them on depositions or on hearings before the local land offices, nor for notaries' fees paid by them on affidavits to prove service of subpoenas. All such expenses must be paid from the Land Office funds. The Forest Service can reimburse Forest officers only for their personal expenses for traveling and subsistence incident to hearings.

When it is not absolutely necessary for Forest officers to attend hearings, or when it is imperative that they remain upon their Forests, the supervisors should request the Chief of the Field Division of the General Land Office to take the depositions of such Forest officers for use at the hearings.

Boundaries—

On April 16 the President signed the proclamation uniting the Mount Taylor and Manzano National Forests in New Mexico under the one name, Manzano National Forest. The proclamation eliminated 167,156 acres from the old Manzano and made an addition of 70,636 acres. The area of the old Mount Taylor also was increased by 113,379 acres, making the total area of the new Manzano 587,110 acres.

On April 20 the President signed the proclamation creating the proposed additions to the Sierra, amounting to approximately 1,615,992 acres, and at the same time eliminated 5,760 acres. These additions are located in a strip almost completely surrounding the old boundary and includes the much-discussed Owens River Valley, and the White Mountains, which parallel the Sierra on the east.

The proclamation adding 197,120 acres to the Jemez National Forest, New Mexico, was signed April 24. The present area of the Jemez is 1,657,365 acres.

OFFICE OF ENGINEERING.**Toll Charges for Telephone Calls—**

No toll charges over lines of telephone companies with which contracts have been entered into by the Forest Service should be paid in cash, but for every telephone call on which there is a toll charge, Form 221 should be filled out at the time the call is made. The contract which has been entered into between the Forest Service and the telephone company with which connection is made should be read carefully, it being borne in mind that over those lines of the company which are upon the National Forests the Forest Service receives free use to the nearest exchanges or switch boards on both sides of the Forest and beyond its boundary. Form 221 should not be filled out for local calls the cost of which is included in the monthly rental charge. Telephone tolls paid on Form 221 are paid from a special fund and should not be entered in the supervisor's Journal of Expenses.

Reporting Allotment for Permanent Improvement Work—

Attention is called to the circular letter of April 3, requesting supervisors to report promptly the net amount of their allotment for permanent improvement work in order that they may be notified of any discrepancies between the records of their offices and this office.

OFFICE OF ORGANIZATION.**Marking Form 4 or Form A—**

Hereafter supervisors will please note after each item on Form 4 or Form A the number of the caption on Form 99, to which it is charged, and where a supervisor has charge of more than one Forest, the Forest should be indicated by its initial letter. A great deal of confusion in auditing accounts will thus be avoided.

Forwarding Heavy Packages—

The attention of all Forest officers is called to the fact that, under the regulations, packages exceeding four pounds in weight may not be sent through the mail. All packages in excess of this weight should be shipped either by express or freight. The Postmaster-General has recently called the attention of the Forest Service to several instances in which this ruling has been disregarded.

Forest Officers on Furlough, as Temporary Laborers—

Supervisors should not employ Forest officers on furlough as temporary laborers for improvement or other work. The proper procedure is to recommend the restoration of such men to the rolls, at the salary which they were receiving when furloughed. Transfers of money from the improvement fund to the salary allotment will be made upon request.

SERVICE ORDERS.

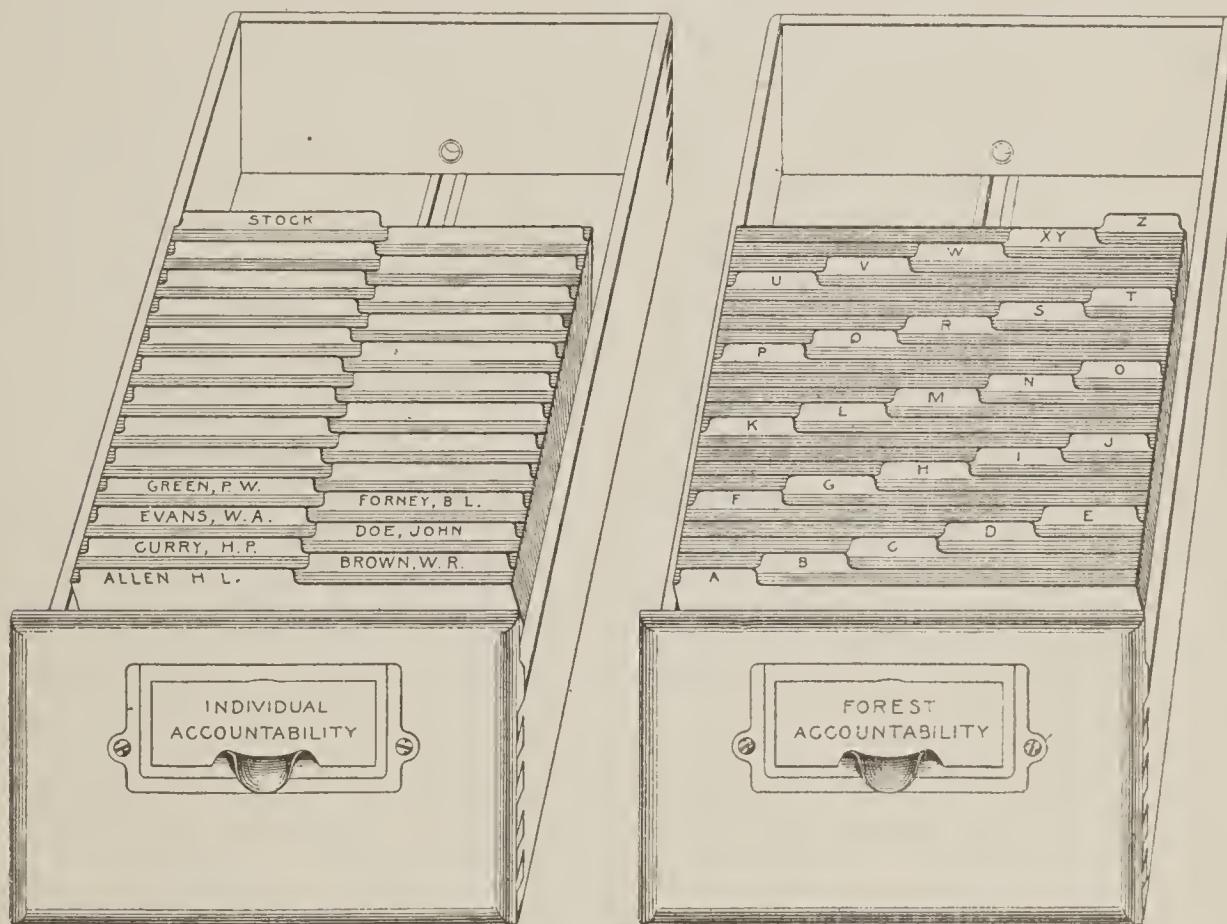
SERVICE ORDER 15.

APRIL 30, 1908.

(Amends sections 151 to 155 of the Green Book, issued October 30, 1907.)

Property Accounting on the National Forests.

* Beginning June 1, 1908, supervisors will keep two records on 4 by 6 cards (Form 331), the same form being used in both. One will be designated "Forest Accountability" and the other "Individual Accountability." A sample of the form is inclosed. A first supply will be furnished without requisition.



FILE OF PROPERTY ACCOUNTABILITY CARDS

Forest Accountability: Under this head the supervisor will record all the nonexpendable articles for which he is responsible. A separate card will be used for each class of articles. For example: Axes, calipers 34", calipers 60", tents 7' by 9', tents, hospital, etc. After "name" at the top of the card will be written "forest" to show that the card is a part of the Forest Accountability record. The cards will be filed alphabetically by names of articles.

Individual Accountability: Under this head will be kept an individual record of all articles issued to subordinates and of those kept on hand by the supervisor. A separate card will be used for each class of articles, as in the Forest Accountability record, but in the space for name at the top of the card will be written the name of the subordinate to whom the articles are issued, or the word "Stock," when the card is used to record the articles kept on hand by the supervisor. These cards will be filed alphabetically under guides upon which will be written the name of the subordinate or the word "Stock."

PROCEDURE.

On June 1, 1908, each supervisor will prepare in duplicate an inventory on Form 939. The word "Inventory" will be written at the top of the form. This inventory will be designated as Voucher No. 1. One copy will be signed and sent to the Forester and the other retained in the supervisor's files. From this inventory the supervisor will make up both the Forest and the Individual Accountability records. The aggregate number of articles in each class in the Individual Accountability record must equal the number of articles on the card for the corresponding class in the Forest Accountability record.

Property in the possession of a supervisor at the time the inventory is made and for which no invoice has been received from the Property Auditor, must not be included in the inventory, but will be entered on the Forest Accountability record when the invoice is received.

All receipts and invoices prior to the date of the inventory will be removed from the folder and filed for reference.

Each subsequent transaction which affects the sum total of property on a Forest, whether by purchase, transfer, or certificate of loss or sale, will be entered on the Forest Accountability record. The voucher covering the transaction will be given the next higher number.

Transactions which do not affect the sum total of property on a Forest, such as a transfer between a supervisor and a ranger or between rangers, will be recorded in the supervisor's office in the Individual Accountability record and not reported to the Forester. Vouchers which cover transactions involving individual accountability will be numbered in a separate series beginning with the number 1.

TRANSACTIONS AFFECTING FOREST ACCOUNTABILITY.

When property is issued by a property clerk to a supervisor, four copies of Form 939 will be prepared. The property clerk will sign two copies as invoices, and will send one of them and a copy for receipt to the supervisor. He will send the other invoice to the Forester, and will retain the fourth copy for his files. Upon receiving the property, the supervisor will sign the form for a receipt, give it a voucher number, make the proper entry in his Forest Accountability record, and return the receipt to the issuing property clerk, who will forward it to the Forester for the property auditor. He will retain and file the invoice.

When property is purchased by a supervisor, three copies of Form 939 will be prepared. Each copy will be given the same voucher number. The supervisor will sign one of them as a receipt, and will send it and a copy for invoice, with the voucher (Form A or Form 4) covering the purchase, to the Forester. The third copy will be retained for his files as a memorandum until the invoice is returned by the Property Auditor, when it will be destroyed. When the articles are actually received, the supervisor will make the proper entries in his Forest Accountability record.

When property is transferred by one supervisor to another, the supervisor making the transfer will prepare five copies of Form 939. He will sign two of them as invoices, and will forward one invoice, with two copies for receipt to the supervisor who receives the property. The second invoice will be given a voucher number and will be forwarded to the Forester for the Property Auditor. The fifth copy will be given the same voucher number as the invoice sent to the Forester and will be retained as a memorandum for his files. When the transfer is actually made, he will make the proper entries in his Forest Accountability record.

The supervisor to whom the property is transferred will, upon receipt of the property, give a voucher number to the invoice to be retained by him, and will give the same voucher number to the copy for receipt to be sent by him to the Forester. He will also make the proper entries in his Forest Accountability record. He will sign the duplicate copy for receipt and return it to the supervisor making the transfer. The latter will give it the same voucher number as his memorandum copy, which can then be destroyed.

When a supervisor is relieved of responsibility by Form 858, Property Lost or Damaged, or by Form 217, Sale of Government Property outside the District of Columbia (See Green Book, Secs. 156 to 161), he will make the necessary entries in his Forest and Individual Accountability records. The certificate will be given the next higher voucher number in the Forest Accountability series, and the original will be sent to the Forester.

TRANSACTIONS AFFECTING INDIVIDUAL ACCOUNTABILITY.

When property is issued to a ranger, the supervisor will prepare three copies of Notebook Form 874-16 (one as a memorandum copy for his files), give each the same voucher number, and send two signed copies to the ranger to whom the property is issued. The supervisor will make the proper entries in his Individual Accountability record. The ranger will upon receipt of the articles sign both copies, return one to the supervisor, and retain and file the other. When the signed copy is received and filed by the supervisor, the memorandum copy can be destroyed.

When property is transferred by one ranger to another, the ranger making the transfer will prepare three copies of Notebook Form 874-16. He will sign two copies and send them to the ranger to whom the property is transferred, retaining one as a memorandum. When the transfer is made in person, the memorandum copy will be omitted. The ranger to whom the property is transferred will, upon receipt of the property, sign both copies, retain one for his files, and send the other to the ranger making the transfer, who will forward it to the supervisor. The supervisor will give it a voucher number, make the proper entry in his Individual Accountability record, and file the receipt. Before filing the receipt, the supervisor will make and sign two copies of Form 874-16. He will send one to the ranger making the transfer and the other to the ranger to whom the articles have been transferred. In case a memorandum copy was kept by the ranger transferring the property, this copy can be destroyed when the supervisor's signed copy is received.

When property is issued by rangers to temporary employees, Form 943, Temporary Transfer of Property, will be used to cover the transaction.

On the last day of each quarter the supervisor will send to each ranger a list of the property charged to him on the Individual Accountability record. He will prepare two copies of this list on Form 330, sign one of them as an invoice, and send both to the ranger. The ranger will check up his property, sign one copy of the list as a receipt, making an appropriate note on it in case the account is incorrect, and return it to the supervisor. As soon as the correctness of the list is established it will be filed, and all previous inventories, invoices, and receipts will be destroyed.

On June 1 and December 1 of each year the supervisor will send the Forester an abstract of his Forest accountability record. This abstract will be made on Form 330, a copy of which is inclosed.

OVERTON W. PRICE,
Associate Forester.

SERVICE ORDER 16.

APRIL 30, 1908.

Reports on Predatory Animals Killed by Forest Officers.

Beginning June 1, each supervisor upon whose Forests rangers or guards are employed as hunters will submit a monthly report to the Forester showing the work accomplished during the preceding month in the extermination of predatory animals. This report should be a summary of the hunter's daily service reports filed in the supervisor's office. It should be prepared in duplicate by the hunter, who will send both copies to the supervisor, with his service report, at the end of each month. The supervisor will retain one copy and send the other to the Forester. In this report the number of animals of each kind killed should be stated; also the manner in which they were killed, whether by trap, gun, poison, or dogs, and any other information which may be of interest.

A new form (No. 343) to be used in making this report will be furnished upon requisition. Predatory animals killed by Forest officers other than hunters should be reported by them only in their daily service reports, and supervisors should compile the data at the end of each month and submit a report to the Forester by letter.

OVERTON W. PRICE,
Associate Forester.

U.S. Department of Agriculture

Issued June 1, 1908.

United States Department of Agriculture,
FOREST SERVICE.

GIFFORD PINCHOT, Forester.

FIELD PROGRAM FOR JUNE, 1908.

This program of field work and assignments in the Forest Service is issued monthly, and is for the exclusive use of members of the Forest Service and cooperating bureaus. The names of members whose assignments are not yet fixed, and reference to projects for which plans have not been matured, are necessarily omitted.

It is requested that the members of the Forest Service cooperate in making this program complete and accurate. Information concerning errors or omissions, and changes of project or of address for the following month, should be sent by members to the offices of their respective chiefs not later than the 20th of the month.

Unless the address of a member is given in this program or is definitely known, he should be addressed in care of the Forest Service, Washington, D. C.

OFFICE OF THE FORESTER.

GIFFORD PINCHOT, Forester.
OVERTON W. PRICE, Associate Forester.

HARRY L. HILL, Secretary to the Forester.

P. P. WELLS, Law Officer.

A. C. SHAW, Principal Examiner.

HERBERT A. SMITH, Editor.

GEORGE B. SUDWORTH, Dendrologist.

EUGENE S. BRUCE, Expert Lumberman.

Michigan—

Preliminary timber-land examination, in cooperation with the Chicago and Northwestern Railway Company—A. B. PATTERSON, Escanaba.

Montana—

Study of forest lands, in cooperation with the Northern Pacific Railway Company—K. W. WOODWARD and J. ST. J. BENEDICT, Missoula; L. S. MURPHY, W. B. PIPER, P. T. HARRIS, and G. S. KEARNEY, Ashland; J. BENTLEY, Jr., Flesher.

New Hampshire—

Study of forest taxation—J. H. FOSTER, Concord.

OFFICE OF SILVICS.

RAPHAEL ZON, Chief.

Field Studies, RAPHAEL ZON.

PROJECTS.**Colorado—**

Study of insect-infested timber in Colorado National Forests, in cooperation with the Bureau of Entomology (Forest Insect Investigations, A. D. Hopkins, in charge)—W. D. EDMONSTON, Colorado Springs, Colo.

Eastern States—

Study of the hickories—A. T. BOISEN, Washington, D. C.

Middle West—

Study of windbreaks and their influences—C. G. BATES, general delivery, Lincoln, Nebr.; assistants, F. J. PHILLIPS, T. R. COOPER, C. T. TILLOTSON, and A. G. HAMEL.

Rocky Mountain States—

Study of lodgepole pine—E. R. HODSON, Washington, D. C.

Southwest—

Study of the reproduction of western yellow pine—S. T. DANA, Santa Fe, N. Mex.

General—

Study of methods of determining light requirements of trees—G. A. PEARSON, Washington, D. C.

Library, Miss H. E. STOCKBRIDGE.

Compilation, E. H. FROTHINGHAM.

OFFICE OF EXTENSION.

SAMUEL N. SPRING, Chief.

Planting, L. C. MILLER (in the Field).
E. C. CLIFFORD, Acting.

TEMPORARY ASSIGNMENTS.

(Under the direction of supervisors.)

Examination and selection of areas for planting and sowing on the Pikes Peak National Forest—J. F. KÜMMEL, Monument, Colo.

Seed extracting, Henrys Lake National Forest—G. B. MACDONALD, St. Anthony, Idaho.

Reconnaissance, W. H. von BAYER.

PROJECTS.

Study of commercial storage of forest tree seeds, and preparation of plans for experiments in storage—W. H. von BAYER, Washington, D. C.

Compilation of data on private forest planting—W. M. MOORE, Washington, D. C.

Cooperation, A. S. PECK.

Correspondence.—Advice on private forest planting—E. O. SIECKE.

PROJECT.

Examination of plantations in the Northeastern States, established under advice of the Forest Service—C. A. KUPFER, Washington, D. C.

BRANCH OF GRAZING.

A. F. POTTER, Assistant Forester, in Charge.

OFFICE OF CONTROL.

L. F. KNEIPP, Chief (in the Field).

WILL C. BARNES, Acting Chief.

Allotment, WILL C. BARNES.

Adjustment, E. N. KAVANAGH (in the Field).

Permits, Miss ANNA P. KOSCHWITZ.

OFFICE OF DEVELOPMENT.

J. K. CAMPBELL, Acting Chief.

Fences, C. H. ADAMS (in the Field).

Forage, W. C. CLOS (in the Field).

Water, J. K. CAMPBELL.

PROJECTS.

Forage investigations; compilation of data—F. V. COVILLE, Botanist, Bureau of Plant Industry, in charge, Washington, D. C.; JAMES T. JARDINE, Expert, Walla Walla, Oreg.; ARTHUR T. SAMPSON, Expert, Walla Walla, Oreg.

Poisonous plant investigations—Prof. C. D. MARSH, Expert, Bureau of Plant industry, in charge, Hugo, Colo.; IVAR TIDESTROM, Scientific Assistant, Ephraim, Utah.

Extermination of prairie dogs—H. L. BENHAM, Forest Guard, in charge, Denver, Colo.

BRANCH OF PRODUCTS.

WM. L. HALL, Assistant Forester, in Charge.

C. G. CRAWFORD, Specialist in Wood Preservation.

OFFICE OF WOOD UTILIZATION.

R. S. KELLOGG, Chief.

McGARVEY CLINE, Assistant Chief.

PROJECT.

Turpentining experiments—P. D. EDMUNDS, Green Cove Springs, Fla.

Computing, E. A. ZIEGLER.

PROJECTS.

Compilation of forest tables—E. A. ZIEGLER, Washington, D. C.
Computing—Silvical data; timber tests; timber sales.

Drafting, C. A. Kolb.**PROJECTS.**

Compiling and drafting maps of National Forests.

Constructive drawings for improvements on National Forests.

Miscellaneous mechanical and diagrammatic drawings.

Wood Chemistry, H. S. BRISTOL.**PROJECTS.**

Study of commercial processes of wood distillation and the standardization and grading of turpentines—L. F. HAWLEY, in the Field; assistant, F. E. LICHTENTHALER; Washington, D. C.

Experiments to determine the value of various woods and waste materials for paper pulp—E. SUTERMEISTER; assistant, H. E. SURFACE, both at Washington, D. C.

Study of chemical problems in wood utilization and wood preservatives—E. BATEMAN; assistant, C. F. SPEH, both at Washington, D. C.

Wood Uses, H. S. BEITS.**PROJECTS.****California—**

Tests of the strength of eucalyptus, redwood, and tanbark oak, in cooperation with the University of California, the Northwestern Redwood Company, and the California Redwood Association—L. E. HUNT, Washington, D. C.

Colorado—

Study of wood-using industries and markets for forest products—C. L. HILL, Boulder; assistant, H. B. HOLROYD.

Connecticut—

Timber tests, with special reference to the influence of method of drying on the strength of timber, in cooperation with Yale University—H. D. TIEMANN, Yale Station, New Haven; assistant, CORNELIUS BARRY.

Indiana—

Tests of structural timbers and a number of species of hickory, in cooperation with Purdue University, the Illinois Central Railway Company, and the National Hickory Association—W. K. HATT, La Fayette; assistants, J. A. NEWLIN, J. O. BIXBY, and WM. D. DUDDING.

Washington—

Study of wood-using industries and markets for forest products—J. B. KNAPP, University Station, Seattle.

Tests of western larch, treated Douglas fir, western hemlock, and National Forest woods, in cooperation with the Western Pine M'f'rs Ass'n, the Pacific Creosoting Co., the Pacific Coast L'br. M'f'rs Ass'n, and the University of Washington—O. P. M. GOSS, University Station, Seattle; assistants, A. L. HEIM and G. R. GESSERT.

General Studies—

Washington office, timber tests—ROLF THELEN, in charge; assistants, T. W. VENEMANN and H. E. MCKENZIE.

Design of impact testing machine, and plans for Washington timber-testing laboratory—ROLF THELEN, Washington, D. C.

Collection of statistics of forest products, in cooperation with the Bureau of the Census—A. H. PIERSON, Washington, D. C.; GEORGE K. SMITH, Lumbermen's Building, St. Louis, Mo.

Studies in the heat conductivity of wood—FREDERICK DUNLAP, Washington, D. C.

Study of wood using industries and markets for forest products—H. S. SACKETT, Washington, D. C.; FRANKLIN H. SMITH, Chicago, Ill.

OFFICE OF WOOD PRESERVATION.

W. F. SHERFESEE, Chief.

PROJECT.

Compilation of data on wood preservation, M. C. JENSEN, Washington, D. C.

National Forest Timbers, WALTER R. WHEATON.

PROJECTS.

Colorado—

Construction of a wood-preserving plant for National Forest timbers—C. P. WINSLOW, Glenwood Springs.

South Dakota—

Construction of a wood-preserving plant for National Forest timbers—GEORGE R. OGIER, Deadwood.

Farm Timbers, C. STOWELL SMITH.

PROJECTS.

Maryland—

Preservative treatment of fence posts and other farm timbers, in cooperation with the State Agricultural Experiment Station—C. P. WILLIS, Washington, D. C.

New York—

Preservative treatment of greenhouse timbers, in cooperation with S. Jacobs & Sons—H. B. OAKLEAF, Washington, D. C.

General Studies—

Study of the construction and maintenance of fences.—RUDOLPH DIEFFENBACH, Washington, D. C.

Preparation of plans for cooperation in the treatment of farm timbers.—G. T. BACKUS, Washington, D. C.

Railroad and Mine Timbers, JOHN M. NELSON, Jr.

PROJECTS.

California—

Experiments in seasoning and treating telephone poles, in cooperation with electric companies in southern California.—O. T. SWAN, Hotel Westmoore, Los Angeles; assistant, W. H. KEMPFER, 212 South Grand avenue, Los Angeles.

Idaho—

Experimental treatment of mine timbers, in cooperation with the Bunker Hill and Sullivan Mining and Concentrating Company.—H. A. PAUL, care S. A. Easton, Kellogg.

Experimental treatment of mine timbers, in cooperation with the Hercules Mining Company.—PAUL M. PAYNE, Burke.

Louisiana—

Construction and operation of a plant for the treatment of telephone poles, in cooperation with the North Louisiana Telephone Company.—CHARLES T. BARNUM, Winnfield.

Pennsylvania—

Construction and experimental operation of a commercial open-tank wood-preserving plant, in cooperation with the Philadelphia and Reading Coal and Iron Company.—JOHN M. NELSON, Jr., Washington, D. C. Assistant detailed by the company, L. W. CONRAD, Pottsville, Pa.

Research, HOWARD F. WEISS.

OFFICE OF PUBLICATION.

FINDLEY BURNS, Chief.

Education, T. CLEVELAND, Jr.
Review, BRISTOW ADAMS.
Distribution, QUINCY R. CRAFT (in the Field).
 DON CARLOS ELLIS, Acting.

PUBLICATIONS IN MAY.

Circular 149. Condition of Cut-over Longleaf Pine Lands in Mississippi.
 Special Circular. Extent and Importance of the White Pine Blight.

BRANCH OF OPERATION.

JAMES B. ADAMS, Assistant Forester, in Charge.
CHAS. S. CHAPMAN, Assistant Forester.
GEO. G. ANDERSON, Assistant in Office Methods.

OFFICE OF ACCOUNTS.

H. B. CRAMER, Fiscal Agent and Chief.
E. A. MELZAR, Assistant Chief.

Audit, GEORGE E. KING.
Bookkeeping, O. H. TIBBOTT.

Receipt, MISS MARY R. LATIMER.
Appointment, Miss F. D. STRAUSE.

OFFICE OF MAINTENANCE.

R. K. HELPHENSTINE, Jr., Chief.

Purchase, H. C. TOWER.
Record, R. K. HELPHENSTINE, Jr.
Supplies, FELIX T. MOORE.

Photography, A. G. VARELA.
Property Audit, J. G. FALCK.

Supply Depot, Ogden, Utah, A. M. SMITH.

Requisitions will not be filled from this depot until July 1, 1908.

OFFICE OF LANDS.

A. C. RINGLAND, Chief.
H. O. STABLER, Assistant Chief.

Special Uses, M. J. MCVEAN.
Claims, F. L. HARVEY.
Settlement, C. E. GAGE, Acting.

Status, J. B. SATTERLEE.
Boundaries, S. G. SMITH.

OFFICE OF ENGINEERING.

W. E. HERRING, Chief.

Field Headquarters, Ogden, Utah.
A. T. MITCHELSON, Acting Chief.

OFFICE OF ORGANIZATION.

CLYDE LEAVITT, Chief.
GEO. H. CECIL, Assistant Chief.

D. G. KINNEY, Forest Supervisor, District 1.
 C. J. STAHL, Forest Supervisor, District 2.
 T. T. SWIFT, Forest Supervisor, District 3.
 A. W. JENSEN, Forest Supervisor, District 4.
 A. H. HOGUE, Forest Supervisor, District 5.
 G. W. MILHAM, Forest Supervisor, District 6.
 S. C. BARTRUM, Forest Supervisor, Special Detail.

NATIONAL FORESTS.

(Numerals following National Forests indicate Inspection Districts.)

ALASKA.

- Afognak**—W. A. LANGILLE, Forest Supervisor, Ketchikan. (6)
Alexander Archipelago—W. A. LANGILLE, Forest Supervisor, Ketchikan. (6)
Chugach—W. A. LANGILLE, Forest Supervisor, Ketchikan; HOWARD M. CONRAD, Deputy Forest Supervisor. (6)
Tongass—W. A. LANGILLE, Forest Supervisor, Ketchikan. (6)

ARIZONA.

- Baboquivari**—ROSCOE G. WILLSON, Forest Supervisor, Nogales. (3)
Black Mesa (N.)—ALEX. J. MACKAY, Forest Supervisor, Show Low. (3)
Black Mesa (S.)—DRAYTON C. MARTIN, Forest Supervisor, Springerville. (3)
Chiricahua—A. H. ZACHAU, Acting Forest Supervisor, Douglas; H. D. BURRALL, Forest Assistant. (3)
Dragoon—ROBERT J. SELKIRK, Forest Supervisor, Benson. (3)
Grand Canyon (N.)—JOHN H. CLARK, Acting Forest Supervisor, Kanab, Utah; DANIEL K. JUDD, Deputy Forest Supervisor. (4)
Grand Canyon (S.)—F. C. W. POOLER, Forest Supervisor, Flagstaff. (3)
Huachuca—ROSCOE G. WILLSON, Forest Supervisor, Nogales. (3)
Mount Graham—GEO. H. BIRDNO, Acting Forest Supervisor, Safford. (3)
Prescott—C. H. HINDERER, Forest Supervisor, Prescott. (3)
San Francisco Mountains—F. C. W. POOLER, Forest Supervisor, Flagstaff; WILLARD M. DRAKE, Forest Assistant. (3)
Santa Catalina—ROBERT J. SELKIRK, Forest Supervisor, Benson. (3)
Santa Rita—ROBERT J. SELKIRK, Forest Supervisor, Benson. (3)
Tonto (N.)—W. H. REED, Forest Supervisor, Roosevelt. (3)
Tonto (S.)—GEO. H. BIRDNO, Acting Forest Supervisor, Safford.
Tumacacori—ROSCOE G. WILLSON, Forest Supervisor, Nogales. (3)
Verde—C. H. HINDERER, Forest Supervisor, Prescott. (3)

ARKANSAS.

- Arkansas**—S. J. RECORD, Forest Supervisor, Fort Smith; W. F. HILL, Deputy Forest Supervisor. (3)
Ozark—S. J. RECORD, Forest Supervisor, Fort Smith; W. F. HILL, Deputy Forest Supervisor. (3)

CALIFORNIA.

- Diamond Mountain**—L. A. BARRETT, Forest Supervisor, Quincy; L. A. H. KLING, Deputy Forest Supervisor. (5)
Inyo—RAYMOND TYLER, Acting Forest Supervisor, Bishop. (5)
Klamath—R. L. P. BIGELOW, Forest Supervisor, Yreka; F. W. HARLEY, Deputy Forest Supervisor; R. G. POND, Forest Assistant. (5)
Lassen Peak—L. A. BARRETT, Forest Supervisor, Quincy; L. A. H. KLING, Deputy Forest Supervisor. (5)
Modoc—C. E. RACHFORD, Forest Supervisor, Alturas; V. L. BONNER, Deputy Forest Supervisor. (5)
Monterey—FRANCIS P. PORCHER, Acting Forest Supervisor, Salinas. (5)
Pinnacles—FRANCIS P. PORCHER, Acting Forest Supervisor, Salinas (5)
Plumas—L. A. BARRETT, Forest Supervisor, Quincy; L. A. H. KLING, Deputy Forest Supervisor. (5)
San Benito—FRANCIS P. PORCHER, Acting Forest Supervisor, Salinas. (5)
San Bernardino—R. H. CHARLTON, Forest Supervisor, Los Angeles. (5)
San Gabriel—R. H. CHARLTON, Forest Supervisor, Los Angeles; Lytle Creek Planting Station—SEROPE Y. PARNAY and H. C. MUZZALL, Forest Planting Assistants, San Bernardino. (5)
San Jacinto—H. A. E. MARSHALL, Forest Supervisor, San Diego; ARTHUR W. BARTLETT, Deputy Forest Supervisor. (5)
San Luis Obispo—E. S. MAINWARING, Forest Supervisor, San Luis Obispo. (5)
Santa Barbara—WILLIS M. SLOSSON, Forest Supervisor, Santa Barbara; H. G. MERRILL, Deputy Forest Supervisor. (5)
Shasta—W. B. RIDER, Acting Forest Supervisor, Sisson; R. F. HAMMATT, Forest Assistant. (5)

- Sierra (E.)**—RAYMOND TYLER, Acting Forest Supervisor, Bishop. (5)
Sierra (N.)—CHARLES H. SHINN, Forest Supervisor, Northfork; H. J. TOMPKINS, Forest Assistant. (5)
Sierra (S.)—W. C. BURTON, Acting Forest Supervisor, Hot Springs; W. M. MAULE, Forest Assistant. (5)
Stanislaus—R. W. AYRES, Acting Forest Supervisor, Sonora. (5)
Stony Creek—ERNEST BRITTEN, Forest Supervisor, Willows. (5)
Tahoe—MADISON B. ELLIOTT, Forest Supervisor, Nevada City; M. B. PRATT, Forest Assistant. (5)
Trabuco Canyon—H. A. E. MARSHALL, Forest Supervisor, San Diego; ARTHUR W. BARTLETT, Deputy Forest Supervisor. (5)
Trinity—F. H. HAFLEY, Forest Supervisor, Weaverville; W. A. HUESTIS, Deputy Forest Supervisor. (5)
Warner Mountains—C. E. RACHFORD, Forest Supervisor, Alturas; V. L. BONNER, Deputy Forest Supervisor. (5)

COLORADO.

- Battlement Mesa**—DAVID ANDERSON, Forest Supervisor, Collbran; JOHN W. LOWELL, Jr., Deputy Forest Supervisor. (2)
Cochetopa—EUGENE WILLIAMS, Forest Supervisor, Saguache. (2)
Fruita—H. K. PORTER, Forest Supervisor, Delta; HENRY L. SPENCER, Deputy Forest Supervisor; J. H. RAMSKILL, Forest Assistant. (2)
Gunnison—WM. R. KREUTZER, Forest Supervisor, Gunnison; E. C. BERKY, Deputy Forest Supervisor. (2)
Holy Cross—HARRY H. FRENCH, Forest Supervisor, Glenwood Springs; JOHN McLAREN, Deputy Forest Supervisor; SWIFT BERRY, S. J. FLINTHAM, Forest Assistants. (2)
La Sal—ORRIN C. SNOW, Forest Supervisor, Moab, Utah. (2)
Las Animas—D. E. FITTON, Forest Supervisor, La Veta. (2)
Leadville—A. L. STROUP, Forest Supervisor, Leadville; J. F. BRUINS, Forest Assistant. (2)
Medicine Bow (Colo. Div.)—HERBERT N. WHEELER, Forest Supervisor, Fort Collins. (2)
Montezuma—JAS. N. LANGWORTHY, Acting Forest Supervisor, Durango; C. M. GRANGER, Forest Assistant. (2)
Ouray—H. K. PORTER, Forest Supervisor, Delta; HENRY L. SPENCER, Deputy Forest Supervisor; J. H. RAMSKILL, Forest Assistant. (2)
Park Range—J. H. RATLIFF, Acting Forest Supervisor, Steamboat Springs. (2)
Pikes Peak—C. W. FITZGERALD, Acting Forest Supervisor, Denver; W. J. MORRILL, Deputy Forest Supervisor; H. C. NEEL, Forest Assistant; Pikes Peak Planting Station—W. SHRADER, Forest Planting Assistant, Monument. (2)
San Isabel—THEODORE SHOEMAKER, Acting Forest Supervisor, West Cliffe. (2)
San Juan—F. C. SPENCER, Forest Supervisor, Monte Vista; A. A. PARKER, Deputy Forest Supervisor; P. T. COOLIDGE, Forest Assistant. (2)
Uncompahgre—H. K. PORTER, Forest Supervisor, Delta; HENRY L. SPENCER, Deputy Forest Supervisor; J. H. RAMSKILL, Forest Assistant. (2)
Wet Mountains—THEODORE SHOEMAKER, Acting Forest Supervisor, West Cliffe. (2)
White River—JAMES A. BLAIR, Forest Supervisor, Meeker; IRVING T. WORTHLEY, Forest Assistant. (2)

IDAHO.

- Bear River**—MARK G. WOODRUFF, Forest Supervisor, Logan, Utah; J. F. SQUIRES, Deputy Forest Supervisor. (4)
Big Hole (S.)—J. B. SEELY, Forest Supervisor, Sheridan, Mont. (1)
Bitter Root—F. A. FENN, Forest Supervisor, Kooskia. (1)
Cabinet (N.)—GLEN A. SMITH, Acting Forest Supervisor, Libby, Mont. (1)
Caribou—J. T. WEDEMEYER, Forest Supervisor, Idaho Falls. (4)
Cassia—WM. MCCOY, Acting Forest Supervisor, Oakley. (4)
Coeur d'Alene—RICHARD H. RUTLEDGE, Forest Supervisor, Wallace; DORR SKEELS, Forest Assistant. (1)
Henry's Lake—HOMER E. FENN, Forest Supervisor, St. Anthony; FOSTER STEELE, Deputy Forest Supervisor. (4)
Kootenai—GLEN A. SMITH, Acting Forest Supervisor, Libby, Mont. (1)
Lemhi—C. L. SMITH, Acting Forest Supervisor, Mackay. (4)
Palouse—RICHARD H. RUTLEDGE, Forest Supervisor, Wallace; DORR SKEELS, Forest Assistant. (1)

- Payette**—GUY B. MAINS, Forest Supervisor, Meadows; HENRY A. BERGH, Deputy Forest Supervisor. (4)
- Pocatello**—P. T. WRENSTED, Forest Supervisor, Pocatello; Pocatello Planting Station—R. I. KEATOR, Forest Planting Assistant, Pocatello. (4)
- Port Neuf**—P. T. WRENSTED, Forest Supervisor, Pocatello. (4)
- Priest River**—R. L. FROMME, Forest Supervisor, Newport, Wash. (1)
- Raft River**—WM. MCCOY, Acting Forest Supervisor, Oakley. (4)
- Salmon River**—GEORGE G. BENTZ, Forest Supervisor, Salmon City. (4)
- Sawtooth (E.)**—C. N. WOODS, Forest Supervisor, Hailey; H. G. MCPHETERS, Deputy Forest Supervisor. (4)
- Sawtooth (W.)**—E. GRANDJEAN, Forest Supervisor, Boise; O. M. BUTLER, Forest Assistant. (4)
- Weiser**—J. B. LAFFERTY, Forest Supervisor, Weiser; WALTER M. CAMPBELL, Deputy Forest Supervisor; C. G. SMITH, Forest Assistant. (4)
- Yellowstone (Idaho Div.)**—HOMER E. FENN, Forest Supervisor, St. Anthony; FOSTER STEELE, Deputy Forest Supervisor. (4)

KANSAS.

- Kansas**—W. H. MAST, Acting Forest Supervisor, Halsey, Nebr.; H. R. SHOCKLEY, Deputy Forest Supervisor; Garden City Planting Station—C. R. TAYLOR, Forest Planting Assistant, Garden City. (2)

MINNESOTA.

- Minnesota**—G. E. MARSHALL, Forest Supervisor, Cass Lake. (2)

MONTANA.

- Big Belt**—D. W. MARYOTT, Acting Forest Supervisor, Townsend. (1)
- Big Hole (Anaconda Div.)**—P. S. LOVEJOY, Acting Forest Supervisor, Anaconda. (1)
- Big Hole (N.)**—C. K. WYMAN, Forest Supervisor, Dillon; ROBT. J. MOORE, Deputy Forest Supervisor. (1)
- Big Hole (S.)**—J. B. SEELY, Forest Supervisor, Sheridan. (1)
- Bitter Root (Montana Div.)**—ELERS KOCH, Forest Supervisor, Missoula; W. W. WHITE, Deputy Forest Supervisor; K. R. MACGUFFEY, Forest Assistant. (1)
- Cabinet (N.)**—GLEN A. SMITH, Acting Forest Supervisor, Libby. (1)
- Cabinet (S.)**—ROY HEADLEY, Forest Supervisor, Thompson Falls. (1)
- Crazy Mountains**—E. C. RUSSELL, Forest Supervisor, Livingston. (1)
- Ekalaka**—C. A. BALLINGER, Acting Forest Supervisor, Camp Crook, S. Dak. (1)
- Elkhorn**—D. W. MARYOTT, Acting Forest Supervisor, Townsend. (1)
- Gallatin**—H. A. CLEVELAND, Acting Forest Supervisor, Bozeman. (1)
- Helena**—DWIGHT BUSHNELL, Forest Supervisor, Helena; M. N. STICKNEY, Forest Assistant. (1)
- Hell Gate (E.)**—P. S. LOVEJOY, Acting Forest Supervisor, Anaconda. (1)
- Hell Gate (W.)**—ELERS KOCH, Forest Supervisor, Missoula; W. W. WHITE, Deputy Forest Supervisor; K. R. MACGUFFEY, Forest Assistant. (1)
- Highwood Mountains**—JAMES G. THAIN, Forest Supervisor, Highwood. (1)
- Kootenai**—GLEN A. SMITH, Acting Forest Supervisor, Libby. (1)
- Lewis and Clark (N.)**—F. N. HAINES, Forest Supervisor, Kalispell; WM. H. DAUGS, Deputy Forest Supervisor. (1)
- Lewis and Clark (S.)**—PAGE S. BUNKER, Forest Supervisor; CHAS. E. SCHOONOVER, Deputy Forest Supervisor, Kalispell. (1)
- Little Belt**—R. W. STUART, Forest Supervisor, Great Falls. (1)
- Little Rockies**—JAMES G. THAIN, Forest Supervisor, Highwood. (1)
- Lolo**—ELERS KOCH, Forest Supervisor, Missoula; W. W. WHITE, Deputy Forest Supervisor; K. R. MACGUFFEY, Forest Assistant. (1)
- Long Pine**—C. A. BALLINGER, Acting Forest Supervisor, Camp Crook, S. Dak. (1)
- Madison**—J. B. SEELY, Forest Supervisor, Sheridan. (1)
- Missoula**—ELERS KOCH, Forest Supervisor, Missoula; W. W. WHITE, Deputy Forest Supervisor; K. R. MACGUFFEY, Forest Assistant. (1)
- Otter**—A. C. McCAIN, Forest Supervisor, Ashland. (1)
- Pryor Mountains**—H. W. THURSTON, Forest Supervisor, Cody, Wyo.; V. GIFFORD LANTRY, Jr., Deputy Forest Supervisor; C. N. WHITNEY, Forest Assistant. (1)
- Snowy Mountains**—R. W. STUART, Forest Supervisor, Great Falls. (1)
- Yellowstone (Absaroka Div.)**—E. C. RUSSELL, Forest Supervisor, Livingston. (1)

NEBRASKA.

Dismal River—W. H. MAST, Acting Forest Supervisor, Halsey; H. R. SHOCKLEY, Deputy Forest Supervisor; Halsey Planting Station—L. BESLEY and C. R. BECHTLE, Forest Planting Assistants, Halsey. (2)

Niobrara—W. H. MAST, Acting Forest Supervisor, Halsey; H. R. SHOCKLEY, Deputy Forest Supervisor. (2)

North Platte—W. H. MAST, Acting Forest Supervisor, Halsey; H. R. SHOCKLEY, Deputy Forest Supervisor. (2)

NEVADA.

Charleston—HARRY E. MATHEWS, Acting Forest Supervisor, Las Vegas. (4)

Independence—C. SYDNEY TREMEWAN, Acting Forest Supervisor, Elko. (4)

Monitor—DAVID BARNETT, Acting Forest Supervisor, Austin. (4)

Ruby Mountains—C. SYDNEY TREMEWAN, Acting Forest Supervisor, Elko. (4)

Tahoe—M. B. ELLIOTT, Forest Supervisor, Nevada City, Cal.; M. B. PRATT, Forest Assistant. (5)

Toiyabe—DAVID BARNETT, Acting Forest Supervisor, Austin. (4)

Toquima—DAVID BARNETT, Acting Forest Supervisor, Austin. (4)

Vegas—HARRY E. MATHEWS, Acting Forest Supervisor, Las Vegas. (4)

NEW MEXICO.

Big Burros—W. H. GODDARD, Acting Forest Supervisor, Silver City; DOUGLAS RODMAN and L. L. JANES, Forest Assistants. (3)

Gallinas—J. H. KINNEY, Forest Supervisor, Capitan. (3)

Gila (N.)—JOHN KERR, Forest Supervisor, Magdalena. (3)

Gila (S.)—W. H. GODDARD, Acting Forest Supervisor, Silver City; DOUGLAS RODMAN and L. L. JANES, Forest Assistants; Fort Bayard Planting Station—W. B. HADLEY, Forest Assistant, Fort Bayard; H. C. TURNER and A. HEDRICKS, Forest Planting Assistants. (3)

Guadalupe—ARTHUR M. NEAL, Acting Forest Supervisor, Alamogordo. (3)

Jemez—Ross McMILLAN, Forest Supervisor, Santa Fe; THOS. R. STEWART, Deputy Forest Supervisor; ELWOOD I. TERRY, Forest Assistant. (3)

Lincoln—J. H. KINNEY, Forest Supervisor, Capitan. (3)

Magdalena—JOHN KERR, Forest Supervisor, Magdalena. (3)

Manzano—A. D. READ, Acting Forest Supervisor, Albuquerque. (3)

Pecos River—Ross McMILLAN, Forest Supervisor, Santa Fe; THOS. R. STEWART, Deputy Forest Supervisor; ELWOOD I. TERRY, Forest Assistant. Las Gallinas Planting Station—W. D. HAYES, Forest Assistant, East Las Vegas. (3)

Peloncillo—A. H. ZACHAU, Acting Forest Supervisor, Douglas, Ariz.; H. D. BURRALL, Forest Assistant. (3)

Sacramento—ARTHUR M. NEAL, Acting Forest Supervisor, Alamogordo. (3)

San Mateo—JOHN KERR, Forest Supervisor, Magdalena. (3)

Taos—Ross McMILLAN, Forest Supervisor, Santa Fe; THOS. R. STEWART, Deputy Forest Supervisor; ELWOOD I. TERRY, Forest Assistant. (3)

OKLAHOMA.

Wichita—FRANK RUSH, Acting Forest Supervisor, Cache. (3)

OREGON.

Ashland—M. J. ANDERSON, Forest Supervisor, Grants Pass; HUGH M. GUTHRIE, Deputy Forest Supervisor; N. F. MACDUFF, Forest Assistant. (6)

Blue Mountains (E.)—HENRY IRELAND, Forest Supervisor, Sumpter. (6)

Blue Mountains (Malheur)—CY. J. BINGHAM, Acting Forest Supervisor, John Day. (6)

Blue Mountains (W.)—A. S. IRELAND, Forest Supervisor, Prineville. (6)

Bull Run—THOS. H. SHERRARD, Forest Supervisor, Portland; RALPH S. SHELLEY, Deputy Forest Supervisor. (6)

Cascade (N.)—THOS. H. SHERRARD, Forest Supervisor, Portland; RALPH S. SHELLEY, Deputy Forest Supervisor. (6)

Cascade (Willamette)—C. R. SEITZ, Forest Supervisor, Eugene; J. ROY HARVEY, Deputy Forest Supervisor. (6)

- Cascade (Umpqua)**—H. M. HALE, Acting Forest Supervisor, Roseburg. (6)
Cascade (Mazama)—C. J. BUCK, Acting Forest Supervisor, Medford; SAMUEL S. SWENNING, Deputy Forest Supervisor; H. D. FOSTER, Forest Assistant. (6)
Coquille—M. J. ANDERSON, Forest Supervisor, Grants Pass; HUGH M. GUTHRIE, Deputy Forest Supervisor; N. F. MACDUFF, Forest Assistant. (6)
Fremont—GUY M. INGRAM, Forest Supervisor, Lakeview; G. D. BROWN, Deputy Forest Supervisor. (6)
Goose Lake—GUY M. INGRAM, Forest Supervisor, Lakeview; G. D. BROWN, Deputy Forest Supervisor. (6)
Heppner—THOMAS E. CHIDSEY, Forest Supervisor, Heppner. (6)
Imnaha—HOWARD K. O'BRIEN, Forest Supervisor, Wallowa; HARVEY W. HARRIS, Deputy Forest Supervisor. (6)
Siskiyou—M. J. ANDERSON, Forest Supervisor, Grants Pass; HUGH M. GUTHRIE, Deputy Forest Supervisor; N. F. MACDUFF, Forest Assistant. (6)
Tillamook—A. E. COHOON, Forest Supervisor, Eugene. (6)
Umpqua—A. E. COHOON, Forest Supervisor, Eugene. (6)
Wenaha—J. M. SCHMITZ, Forest Supervisor, Walla Walla, Wash.; THOS. P. MACKENZIE, Deputy Forest Supervisor. (6)

PORTO RICO.

- Luquillo**—MAX ROTKUGEL, Acting Forest Supervisor, San Juan. (3)

SOUTH DAKOTA.

- Black Hills**—E. M. HAMILTON, Forest Supervisor, Deadwood; ARTHUR E. LYNN, Deputy Forest Supervisor; H. F. STUDLEY and JOHN MURDOCH, Jr., Forest Assistants. (2)
Cave Hills—C. A. BALLINGER, Acting Forest Supervisor, Camp Crook. (1)
Short Pine—C. A. BALLINGER, Acting Forest Supervisor, Camp Crook. (1)
Slim Buttes—C. A. BALLINGER, Acting Forest Supervisor, Camp Crook. (1)

UTAH.

- Aquarius**—GEORGE H. BARNEY, Forest Supervisor, Escalante. (4)
Bear River—MARK G. WOODRUFF, Forest Supervisor, Logan; J. F. SQUIRES, Deputy Supervisor. (4)
Beaver—LEHI PETERSEN, Jr., Acting Forest Supervisor, Beaver. (4)
Dixie—CHARLES G. Y. HIGGINS, Forest Supervisor, St. George. (4)
Fillmore—LEHI PETERSEN, Jr., Acting Forest Supervisor, Beaver. (4)
Fish Lake—N. E. SNELL, Forest Supervisor, Salina. (4)
Glenwood—N. E. SNELL, Forest Supervisor, Salina. (4)
Grantsville—C. F. COOLEY, Acting Forest Supervisor, Salt Lake City. (4)
La Sal—ORRIN C. SNOW, Forest Supervisor, Moab. (2)
Manti—PARLEY CHRISTIANSON, Acting Forest Supervisor, Ephraim. (4)
Monticello—ORRIN C. SNOW, Forest Supervisor, Moab. (2)
Payson—DAN S. PACK, Forest Supervisor, Payson. (4)
Raft River—WM. MCCOY, Acting Forest Supervisor, Oakley, Idaho. (4)
Salt Lake—C. F. COOLEY, Acting Forest Supervisor, Salt Lake City; Wasatch Planting Station—N. J. FETHEROLF, Forest Planting Assistant, Silver Lake. (4)
Sevier—FRANK W. SEAMAN, Acting Forest Supervisor, Panguitch. (4)
Uinta—WILLARD I. PACK, Forest Supervisor, Provo; D. S. MARSHALL, Deputy Forest Supervisor; WM. M. ANDERSON, Deputy Forest Supervisor. (4)
Vernon—DAN S. PACK, Forest Supervisor, Payson. (4)
Wasatch—C. F. COOLEY, Acting Forest Supervisor, Salt Lake City. (4)

WASHINGTON.

- Colville**—W. W. CRYDER, Forest Supervisor, Republic. (6)
Olympic—FRED HANSON, Forest Supervisor, Hoodspoint. (6)
Priest River—R. L. FROMME, Forest Supervisor, Newport. (1)
Rainier—G. F. ALLEN, Forest Supervisor, Orting; F. B. KELLOGG, Forest Assistant. (6)
Washington (Chelan Div.)—DELMER S. RICE, Acting Forest Supervisor, Chelan. (6)

Washington (W.)—B. P. KIRKLAND, Forest Supervisor, Bellingham. (6)
Washington (Wenatchee Div.)—C. H. FLORY, Forest Supervisor, Wenatchee. (6)
Wenaha—J. M. SCHMITZ, Forest Supervisor, Walla Walla; THOS. P. MACKENZIE, Deputy Forest Supervisor. (6)

WYOMING.

Big Horn—W. E. JACKSON, Forest Supervisor, Big Horn. (1)
Caribou—J. T. WEDEMEYER, Forest Supervisor, Idaho Falls, Idaho. (4)
Crow Creek—J. W. NELSON, Forest Supervisor, Saratoga; JAMES BLACKHALL, Deputy Forest Supervisor; R. A. STRETCH and JOHN H. BRIDGES, Forest Assistants. (2)
Medicine Bow (Wyo. Div.)—J. W. NELSON, Forest Supervisor, Saratoga; JAMES BLACKHALL, Deputy Forest Supervisor; R. A. STRETCH and JOHN H. BRIDGES, Forest Assistants. (2)
Sierra Madre—J. W. NELSON, Forest Supervisor, Saratoga; JAMES BLACKHALL, Deputy Forest Supervisor; R. A. STRETCH and JOHN H. BRIDGES, Forest Assistants. (2)
Sundance—G. C. SMITH, Acting Forest Supervisor, Sundance. (2)
Uinta—WILLARD I. PACK, Forest Supervisor, Provo, Utah; D. S. MARSHALL and WM. M. ANDERSON, Deputy Forest Supervisors. (4)
Yellowstone (Shoshone Div.)—H. W. THURSTON, Forest Supervisor, Cody; V. GIFFORD LANTRY, Deputy Forest Supervisor; C. N. WHITNEY, Forest Assistant. (1)
Yellowstone (Teton Div.)—ROBT. E. MILLER, Forest Supervisor, Jackson. (4)
Yellowstone (Wind River Div.)—ZEPH JONES, Forest Supervisor, Pinedale. (4)

SERVICE CHANGES IN MAY.

APPOINTED.

Forester—

DENDROLOGY: WALLACE H. STROWD, Collaborator.

Products—

WOOD UTILIZATION: G. A. BURRELL, Expert; PAUL S. BUHL, Timber Testing Assistant; WM. D. DUDDING, Timber Testing Assistant.

Silviculture—

FOREST MANAGEMENT: SAMUEL M. CROSS, Expert; ELMER D. FLETCHER, Forest Expert.

SILVICS: THEODORE R. COOPER, Agent.

Operation—

ORGANIZATION: FRED L. RICKY, Forest Planting Assistant.

LANDS: THOS. A. CURRY, Expert Miner; H. S. BUSHNELL, Agent.

REINSTATED.

Operation—

LANDS: ALLAN R. POWERS, Forest Assistant.

FURLoughed.

Silviculture—

FOREST MANAGEMENT: C. C. BASSETT, Topographer.

RESIGNED.

Forester—

DENDROLOGY: WM. S. DICKSON, Collaborator.

Products—

WOOD UTILIZATION: LEDYARD W. SARGENT, Laboratory Assistant in Wood Chemistry.

WOOD PRESERVATION: H. B. EASTMAN, Forest Assistant.

Operation—

ORGANIZATION: J. R. BELL, Deputy Supervisor, San Jacinto National Forest; R. B. WILSON, Forest Supervisor, Cascade (N) and Bull Run National Forests.

SERVICE NOTES FOR JUNE.

These notes contain instructions and necessary information for Forest officers, and will, therefore, be carefully read and kept on file for reference.

OFFICE OF THE FORESTER.

Revised Edition of The Use Book—

The revised edition of The Use Book, containing the new regulations which go into effect July 1, 1908, will be in the hands of supervisors by June 30. Supervisors will be expected to familiarize themselves immediately with the changed and added regulations.

Minnesota National Forest—

Eugene S. Bruce, Expert Lumberman in the Office of the Forester, has been relieved, at his own request, from the position of inspector of logging done under the Forester's "Rules and Regulations" on the Minnesota National Forest, to which position he was appointed December 31, 1903.

LAW.

Legal Proceedings Recommended—

Cabinet (S) National Forest—C. R. Weare et al.; saloon trespass.
Hell Gate (E) National Forest—Fleetwood Sothcott; saloon trespass.
Little Belt National Forest—John W. O'Brien; timber trespass.
Monterey National Forest—Henry F. Melville; girdling trees on his mining claim (criminal).
Shasta National Forest—Trinity Bonanza King Mining Co.; timber trespass.
Washington (Chelan) National Forest—Holcomb and Prewitt; timber trespass.

Conviction Secured—

Hell Gate (E) National Forest—Nels Sandberg, illegal enclosure; pleaded guilty and was released upon payment of fine.

Preliminary Decision, in Case Against Fred Light—

In the grazing trespass case (injunction) against Fred Light (Holy Cross National Forest) a preliminary decision was rendered on April 29, 1908, by Judge Lewis, of the United States circuit court for Colorado, overruling the trespasser's demurrer to the bill filed by the Government. This case was brought in pursuance of an agreement made in June, 1907, at Denver, between officers of the Service and representatives of the Colorado Cattle and Horse Growers Association, for the purpose of testing whether the National Forests are subject to State fence laws. In the meantime the same question was decided in favor of the Government in the Shannon case by the United States circuit court of appeals, at San Francisco. Mr. Light's attorneys argued that the permanent reservation of National Forests in Colorado without the consent of the State was unconstitutional; that the State fence laws applied to National

Forests and therefore the Government had no remedy for trespass by drifting stock unless the Forest was fenced; and that the grazing regulations are invalid. Judge Lewis decided the issues of law against the trespasser without handing down any written opinion. Although the purpose of the Service in making the agreement of last June was to get a decision of the legal question upon an agreed statement of facts, Mr. Light's attorneys, after their demurrer was overruled, filed an answer denying the facts alleged by the Government. The issues of fact will therefore have to be tried in Judge Lewis's court. Nearly all other grazing trespass cases in Colorado have been settled.

Right to Restrict Exploitation of Natural Resources—

The right of the public to restrict landowners in the exploitation of the natural resources of their lands has been recently affirmed by two important judicial decisions.

On March 10, 1908, the judges of the supreme judicial court of Maine, in response to questions from the State senate as to the constitutionality of proposed legislation to restrict timber cutting on private lands, gave their opinion, as required by the State constitution, that it is within the power of the legislature to regulate or restrict the cutting or destruction of trees on wild or uncultivated land by the owner thereof in order to prevent or diminish injurious droughts, freshets, erosion, and the silting up of rivers, ponds, and lakes, and to protect, preserve, and maintain the natural water supply.

The judges were further of the opinion that such restriction and regulation is not a taking of private property for public use, and therefore that it would not be necessary for the public to pay any compensation to the landowners. After citing many decisions by the courts of Massachusetts and Maine concerning the right of the public to restrict the use of private property, the judges say:

There are two reasons of great weight for applying this strict construction of the constitutional provision to property in land: First, such property is not the result of productive labor, but is derived solely from the State itself, the original owner; second, the amount of land being incapable of increase, if the owners of large tracts can waste them at will without State restriction, the State and its people may be helplessly impoverished and one great purpose of Government defeated.

Regarding the question submitted in the light of the doctrine above stated (being that of Maine and Massachusetts at least), we do not think the proposed legislation would operate to "take" private property within the inhibition of the Constitution. While it might restrict the owner of wild and uncultivated lands in his use of them, might delay his taking some of the product, might delay his anticipated profits and even thereby might cause him some loss of profit, it would nevertheless leave him his lands, their product and increase, untouched, and without diminution of title, estate, or quantity. He would still have large measure of control and large opportunity to realize values. He might suffer delay but not deprivation. While the use might be restricted, it would not be appropriated or "taken."

The foregoing considerations lead us to the opinion at present that the proposed legislation for the purposes and with the limitations named in the senate order would be within the legislative power, and would not operate as a taking of private property for which compensation must be made.

This opinion is signed by six of the seven judges composing the State supreme court. Justice Savage declined to give an opinion, because he considered that the constitutional provisions of the State constitution requiring such opinions on "solemn occasions" was inapplicable in this instance, since the solemnity ceased to exist nine days before the request reached him.

The Supreme Court of the United States on April 6, 1908, affirmed, in the case of the Hudson County Water Co. v. McCarter, the decision of the Court of Errors and Appeals of New Jersey, holding that a State statute is constitutional and valid which prohibits "any person or corporation to transport or carry, through pipes, conduits, ditches, or canals, the waters of any fresh-water lake, pond, brook, creek, river, or stream of this State into any other State, for use therein." The Supreme Court says:

It sometimes is difficult to fix boundary stones between the private right of property and the police power when, as in the case at bar, we know of few decisions that are very much in point. But it is recognized that the State as quasi sovereign and representative of the interests of the public has a standing in court to protect the atmosphere, the water, and the forests within its territory, irrespective of the assent or dissent of the private owners of the land most immediately concerned. (*Kansas v. Colorado*, 180 U. S., 125, 141, 142; *S. C.*, 206 U. S., 46, 99; *Georgia v. Tennessee Copper Co.*, 206 U. S., 230, 238.) What it may protect by suit in this Court from interference in the name of property outside of the State's jurisdiction, one would think that it could protect by statute from interference in the same name within. On this principle of public interest and the police power, and not merely as the inheritor of a royal prerogative, the State may make laws for the preservation of game, which seems a stronger case. (*Geer v. Connecticut*, 161 U. S., 519, 534.)

The problems of irrigation have no place here. Leaving them on one side, it appears to us that few public interests are more obvious, indisputable and independent of particular theory than the interest of the public of a State to maintain the rivers that are wholly within it substantially undiminished, except by such drafts upon them as the guardian of the public welfare may permit for the purpose of turning them to a more perfect use. This public interest is omnipresent wherever there is a State, and grows more pressing as population grows. It is fundamental, and we are of the opinion that the private property of riparian proprietors can not be supposed to have deeper roots. Whether it be said that such an interest justifies the cutting down by statute, without compensation, in the exercise of the police power, of what otherwise would be private rights of property, or that apart from statute those rights do not go to the height of what the defendant seeks to do, the result is the same. But we agree with the New Jersey courts, and think it quite beyond any rational view of riparian rights that an agreement, of no matter what private owners could sanction the diversion of an important stream outside the boundaries of the State in which it flows. The private right to appropriate is subject not only to the rights of lower owners but to the initial limitation that it may not substantially diminish one of the great foundations of public welfare and health.

We are of opinion, further, that the constitutional power of the State to insist that its natural advantages shall remain unimpaired by its citizens is not dependent upon any nice estimate of the extent of present use or speculation as to future needs. The legal conception of the necessary is apt to be confined to somewhat rudimentary wants, and there are benefits from a great river that might escape a lawyer's view. But the State is not required to submit even to an aesthetic analysis. Any analysis may be inadequate. It finds itself in possession of what all admit to be a great public good, and what it has it may keep and give no one a reason for its will.

In neither of these cases was there any controversy between the State and National Governments as to their respective powers. In both cases the question at issue was simply the right of the public to restrict the use of private property.

Right to Print Forms in the Field—

By decision of April 29, 1908, the Comptroller of the Treasury held that the printing of forms necessary for the administration of the National Forests need not be done at the Government Printing Office, because the Forest Service is a field service and not an "Executive Department" within the meaning of the act of June 12, 1895, section 87 (28 Stat., 622). For the same reason, the Comptroller said that the provisions of the act of June 30, 1906 (34 Stat., 697, 762), requiring the submission to Congress of annual estimates of the expense of printing and binding for "each of the Executive Departments, their bureaus and offices, and other Government establishments at Washington" do not apply to the Forest Service.

Withdrawal of Land for Administrative Sites—

By letter dated March 20, 1908, the Secretary of the Interior held that public land outside the National Forests, in the States of Oregon, Washington, Idaho, Montana, Colorado, and Wyoming, may be withdrawn for use as administrative sites by the Forest Service, notwithstanding the provision of the agricultural appropriation act of March 4, 1907 (34 Stat., 1271, Use Book, p. 169), that no addition to National Forests in those States shall be made except by act of Congress. He said :

The proposed withdrawal is not to be made under the laws authorizing the creation of forest reserves. The prohibition of the act of March 4, 1907, which was clearly directed against the exercise of authority given by those laws, should not be enlarged by construction to include a prohibition against the exercise of the recognized power of the Executive to set apart portions of the public land for a public use.

On May 15, 1908, however, the Comptroller of the Treasury decided that the current appropriation for General Expenses, Forest Service, can not be used for the purchase of administrative sites in these States.

BRANCH OF SILVICULTURE.**OFFICE OF FOREST MANAGEMENT.****Refund Entries on Cards—**

In a timber sale, timber settlement, or timber trespass, when a Form A refund voucher, properly signed by the person to whom the refund is to be made, is forwarded to the fiscal agent by the supervisor, the latter should enter on the card the amount to be refunded, as though the refund had already been made. In case a voucher is not approved, the supervisor will be notified by the office of accounts, and the refund entry should then be stricken out on the card. The same procedure should be followed when a voucher for refund is sent to the supervisor from the Washington office.

Free Use—Discontinuance of Form 874-9—

Form 874-9 has been discontinued, and all officers in charge should see that the supply of this form is destroyed at once. Form 874-8, "Revision of February 1," will be used instead. This form should be made out in triplicate, and the issuing officer, after approving it, should give one to the permittee, send another to the supervisor, and retain the third for his own information.

OFFICE OF SILVICS.**Additions to Libraries—**

The student's edition of the Standard Dictionary and Hodgeman's Land Surveying have been purchased and will be placed in the field libraries.

A large number of colored slides illustrating conditions in the newly created Glacier National Park, Montana, have recently been added to the collection.

BRANCH OF GRAZING.**Agricultural Lands Within Pastures—**

Application for the inclosure of both pasture and agricultural lands, in cases where the amount of agricultural land is not more than 40 acres, may be designated as "Pasture," and one permit may be issued covering both uses of the Forest. The fee should be based upon a charge of not less than 25 cents per acre for the agricultural land and not less than 4 cents per acre for the pasture land, in accordance with the regulations.

Grazing on Squatters' Claims—

Bona fide squatters who reside upon lands within the National Forests which have been examined and recommended for listing under the act of June 11, 1906, and who have a sufficient amount of land under cultivation to show compliance with the law; and bona fide settlers on unsurveyed lands who have not made application for an examination of the land under the act of June 11, 1906, but who are awaiting survey with the intention of making entry under the homestead act, may be allowed permits, under Regulation 58, for grazing the number of animals the land claimed will support, for areas not in excess of 160 acres. This matter is in the hands of the supervisors, because it hinges on the point as to whether the squatters have made bona fide settlement or not. In case there are conflicting claims, the rights of neither claimant should be recognized until the matter has been adjusted by the General Land Office.

Appointment of Forest Officers as Live-Stock Inspectors—

It is the policy of the Forest Service to have its officers assist the proper State officials in the enforcement of all quarantine and live-stock laws, but it is not deemed advisable to have Forest officers appointed as live-stock inspectors, unless a majority of the users of the Forest request it and there is a distinct understanding that their duties as live-stock inspectors must not be allowed to interfere in any way with their duties as Forest officers, and that they can not be allowed to collect and retain any fees for live-stock inspection work. Whenever a Forest officer secures evidence of any violation of the live-stock laws, he should immediately inform the proper State officials and give every possible assistance in the enforcement of the law.

BRANCH OF OPERATION.

OFFICE OF ACCOUNTS.

Account Current—

The attention of disbursing agents is called to the necessity of making complete the information called for on the Account Current concerning the "Amount on deposit with the assistant treasurer, San Francisco, and outstanding checks." To do this, disbursing agents should wait for the report of the Assistant Treasurer showing checks which have been paid by him, but in no case should the delay extend beyond the 15th of the month following the end of the quarter. Under the law, disbursing accounts must be transmitted not later than twenty days after the close of the quarter.

The amount of the outstanding checks is the total of all checks not reported paid by the Assistant Treasurer. This total, deducted from the amount shown as on deposit (plus cash on hand, if any), is the amount due the United States on the last day of the quarter for which the account is submitted.

OFFICE OF MAINTENANCE.

Return of Property to Property Clerk—

Special attention is called to the necessity of inclosing a memorandum with each article returned by express, freight, or mail to the property clerk. This memorandum should indicate the number and kinds of articles and, especially, the name and address of the sender. At the same time that a package is sent, a letter directing the disposition of the articles should also be forwarded under separate cover. The property clerk is continually receiving packages which contain no memorandums of this kind, and it is almost impossible to tell by whom they are turned in.

Express and Freight Addresses—

In making requisition for supplies supervisors and other members of the Service in the field should send to the Chief of Maintenance definite instructions giving the exact points to which freight, express, and mail shipments should be made. This will greatly expedite the receipt of supplies. There has been considerable delay caused by shipping supplies by freight and express to points which are not situated on any railroad. In such cases, transportation companies sometimes deliver the goods to the nearest point on the railroad, when specific directions are not given concerning them.

OFFICE OF LANDS.

Letters to Supervising Engineers, Reclamation Service—

The Reclamation Service has requested that all letters to the supervising engineers of that Service be addressed to them by title and not by name; as, for example, "Supervising Engineer, Reclamation Service, Phoenix, Ariz." Forest supervisors will carefully observe this request, in order to avoid delays when supervising engineers are changed.

The engineering divisions of the Reclamation Service and the addresses of the supervising engineers are as follows:

Southern Division—Arizona, New Mexico, Texas, Utah, and Southern California; Supervising Engineer, Phoenix, Ariz.

Pacific Division—Northern California, Oregon, Washington, and Nevada; Supervising Engineer, Portland, Oreg.

Northern Division—Montana, North Dakota, and Northern Wyoming; Supervising Engineer, Huntley, Mont.

Central Division—Colorado, Kansas, Oklahoma, South Dakota, Nebraska, and Southern Wyoming; Supervising Engineer, Montrose, Colo.

Idaho Division—Idaho; Supervising Engineer, Boise, Idaho.

Reports on Administrative Sites—

When the examiner of tracts of land under the act of June 11, 1906, recommends the tract for an administrative site, the supervisor, upon receipt of the report, should, if he approves the recommendation of the examiner, submit a report on Form 271, accompanied by a tracing linen plat of the site, according to the instructions in part 4 of Service Order No. 23.

This will make it unnecessary to return the examiner's report to the supervisor, and will greatly expedite the handling of the reports on administrative sites by the Section of Boundaries.

Reports of Improvements Upon Administrative Sites—

All reports which furnish information in regard to improvements upon administrative sites should be accompanied by a duplicate carbon copy, in order that the facts regarding the improvements may be made of record in the Office of Engineering as well as in the Office of Lands.

Administrative Sites—Surveys—

The attention of supervisors is called to the importance of having all surveys for ranger stations or other purposes made as accurate as possible. Many requests for withdrawals are sent in which can not be approved, on account of mistakes in the field notes or in the plat, and must be returned to the field officer for correction. The most frequent errors are the following: Failure to give size of corners, whether of wood or stone; omission of the statement that markings are placed in a blaze on a tree; failure to give two witness points; failure to state size of mounds at corners; failure to describe how the corner is placed

in the ground; neglecting to connect the Forest Service monuments with the initial corner; and not giving variation used. The variation used is invariably omitted, and, in many cases, the acreage is not correctly calculated, the surveys do not close within the limit of error allowed by the Forest Service, six copies of the field notes are not sent, india ink is not used in making plat, and often the field notes are not signed by the surveyor or approved by the supervisor. The work can be much expedited if the supervisors will consider these points before approving of reports.

Free Agricultural Permits—

Care should be taken to avoid issuing free agricultural permits to applicants under the act of June 11, 1906, who have not a preference right under the act. This has been done recently in many cases. By an examination of the weekly lists of applications sent them by the Forester, supervisors can always ascertain who appears to have the preference right of entry by reason of prior application.

Boundaries—

The Executive order eliminating 1,840 acres from the San Juan National Forest, Colorado, was signed on April 24, 1908. The elimination is in T. 36 N., R. 6 E., New Mexico principal meridian.

On May 15 the President signed the proclamation changing the name of the Garden City National Forest to Kansas National Forest, and adding 205,107 acres to the Forest. The present area of the Kansas National Forest is 302,387 acres. Please note that there is now no Garden City National Forest.

The proclamation enlarging the Dixie National Forest was signed May 22. The addition is what is known as the proposed Trumbull National Forest, in Arizona, and has an area of 626,800 acres. The proclamation also eliminated 1,600 acres from the old Dixie. The total area of the Dixie in Utah and Arizona is now 1,091,120 acres.

Follow-up Cards, Form 326—

It has been decided that follow-up cards, Form 326, will not be attached to plats which inform field officers of new applications under the act of June 11, 1906. This form will be used, however, in subsequent correspondence, should this office desire to know when a report may be expected in any particular case.

OFFICE OF ENGINEERING.

Letters for Field Headquarters at Ogden—

Supervisors are sending to this office a large number of letters which should be sent directly to the field headquarters at Ogden, and many of these letters have to be referred to Ogden for reply. This entails the loss of from six to ten days in transit. Attention is called to "OE" circular letter of March 15 in which the class of mail which should go to Ogden is specified. Please give this matter particular attention in the future.

Free Use of Telephone Lines over National Forests—

The arrangement by which Forest officers have free use of telephone lines in National Forests applies only to official communications by Forest officers to other Forest officers or to private persons, and does not provide for the free use of the lines by any private person, even upon official business. However, Forest officers are authorized to pay for calls made by private persons to give notice of a fire in the Forest.

OFFICE OF ORGANIZATION.

Redistricting of National Forests—

The general plan of redistricting the National Forests will be put into effect July 1. The object of this plan is to equalize the size of administrative units and to rearrange their boundaries in such a manner as best to promote an efficient administration. In some cases several Forests or divisions of Forests will be consolidated under a single name. In others, rearrangement of administrative boundaries will be made, rendering necessary the transfer of records and of men from one supervisor to another. In cases where a transfer of records or men is involved supervisors who have not already done so are urged to submit, at the earliest possible date, statements requested in instructions issued under date of May 2 and May 16. Prompt action is required, that the plan may be put into effect July 1.

Under the new plan divides and streams will, in a number of cases, become administrative boundaries, and, in such cases, will be shown on the diagrams which are to accompany the Executive orders establishing the new Forests. It should be clearly understood, however, that in all such cases the administrative boundaries will as shown on the diagrams be merely presumptive and will in reality follow the actual divides or streams, regardless of whether their locations are accurately shown on the diagrams or not. Blueprints and photolithographs showing these boundaries will be furnished before July 1. Printed copies of the Executive orders will not be available until after July 1.

Per diems to Forest Assistants to be Abolished—

The practice of issuing per diems to Forest assistants will be abolished on July 1. After that date Forest assistants will be placed upon exactly the same basis with regard to reimbursement for traveling expenses as supervisors and deputy supervisors.

Rangers' Expenses, Act of June 11, 1906—

The attention of supervisors is called to the fact that it is the intention of the Forest Service to reimburse rangers for necessary expenses incurred when detailed to work outside their districts. This includes the examination of lands under the act of June 11, 1906. Supervisors, when submitting accounts of rangers, should state the nature of the work requiring them to leave their districts.

Expenses for Janitor Services—

Whenever necessary, authorization to incur expense for janitor services will be granted to supervisors, upon application to the Forester.

Discontinuance of Form 874-7—

Form 874-7 has been discontinued, and, in its stead, Form 874-13 should be used for notes on timber sales, mapping, and miscellaneous data. When used for timber sales, each sheet should bear at the top the proper case designation.

Instructions for Filing in Supervisors' Offices—

In the new edition of the Use Book, to be issued July 1, will be contained complete instructions for filing in supervisors' offices. This will necessitate a complete reorganization of the filing system in practically every case.

SERVICE ORDERS.

SERVICE ORDER 17.

MAY 21, 1908.

Requisition for Supplies.

Beginning July 1, 1908, standard articles of equipment and supplies will be furnished from the Forest Service supply depot, Ogden, Utah, to National Forest officers and to men at field stations in the West. Requisitions should be sent directly to the supply depot, and revised Form 668 only will be used for this purpose. All copies of the old form of this requisition in the possession of members in the field should be destroyed.

Requisitions submitted by the above members of the Service will be filled without question, by the property clerk. Each person making requisition will be held responsible not only for the economical use of the articles requisitioned, but also for the actual need of them in kind and quantity.

OVERTON W. PRICE,
Associate Forester.

23

(O)

United States Department of Agriculture,
FOREST SERVICE.

GIFFORD PINCHOT, Forester.

INDEX TO SERVICE NOTES AND ORDERS IN THE FIELD
PROGRAMS, JULY, 1907, TO JUNE, 1908.

Subject.	Month.	Page.
Absence from duty.....	September.....	18
Accounts:		
Account current.....	June.....	19
Allotments and transfers.....	July.....	31
Authorization number and date.....	August.....	22
Charges on Form 99, schedule of.....	October.....	21
Expenses on Form 99, identifying.....	July.....	32
Janitor services, expenses for.....	June.....	22
Nonexpendable property.....	February.....	24
Reimbursement.....	May.....	17
Salaries, explanation of deduction in.....	June.....	22
Salary allotments, full use of.....	July.....	30
Signatures to vouchers and subvouchers.....	October.....	21
Small items.....	August.....	22
Subsistence, rangers'.....	do.....	22
Temporary employees in the field.....	July.....	32
Transportation charges, subvouchers for.....	May.....	17
Travel and subsistence.....	August.....	22
Vouchers to be accompanied by Form 98 or 99.....	July.....	32
Adams, indictment of.....	August.....	22
Addresses, express and freight.....	January.....	13
Administrative sites:		
Adverse claims.....	June.....	20
Areas, approximate.....	July.....	35
Correspondence, each case a separate communication.....	January.....	17
Description of.....	October.....	20
Improvements upon, reports of.....	July.....	35
Recommendations for.....	June.....	20
Reports on.....	July.....	35
Surveys.....	September.....	18
Transfer of parts of Forests.....	January.....	17
Withdrawal of land for.....	May.....	18
Advance cutting. (<i>See</i> Timber sales.)	December.....	22
Agricultural settlement. (<i>See</i> Claims.)	June.....	20
Allotments.....	do.....	20
Appointment by telegraph.....	October.....	20
Arrest of Binkley and Purdy.....	June.....	18
	July.....	31
	November.....	19
	January.....	13

Subject.	Month.	Page.
Atlas folios:		
- Confidential	January	15
- Errors in	do	15
Authorization number and date	August	22
Badges , small	October	19
Binkley, arrest of	January	13
Boundaries:		
Arkansas National Forest, creation of	do	17
Blue Mountains National Forest, elimination from	February	24
Chugach National Forest, elimination from	October	20
Designation of Forest divisions	December	22
Dixie National Forest, addition to and elimination from	June	21
Garden City National Forest, change of name	do	21
Jeemez National Forest, additions to	May	19
Kansas National Forest, naming of and additions to	June	21
Lincoln National Forest, elimination from	April	21
Manzano National Forest, addition to	May	19
Modoc National Forest, addition to	March	22
Monterey National Forest, addition to	February	24
Monticello National Forest, additions to	January	17
Mount Taylor National Forest, consolidation of	May	19
Ozark National Forest, creation of	April	21
Proclamations and diagrams	November	20
San Bernardino National Forest, addition to	February	24
San Gabriel National Forest, addition to	January	17
San Juan National Forest, elimination from	June	21
Sierra National Forest, additions to and eliminations from	May	19
Tongass National Forest, creation of	October	19
Tonto National Forest, creation of and addition to	February	24
Trinity National Forest, addition to	March	22
Vegas National Forest, creation of	January	17
Verde National Forest, creation of	February	24
Boundary notice, new form	December	22
Brands for horses and mules	February	27
Bruce, Eugene S., relieved from work on Minnesota National Forest	June	15
Brash burners obtainable	May	18
burning	November	16
Cabins , permits for	do	19
Calendar pads for 1908	do	18
Carrying cases, rangers'	October	19
Circular letter (SE) of May 7, replies to	July	29
Civil Service applicants, expense of examining	May	18
Claims:		
Affidavits	August	23
Agricultural lands within pastures	June	18
Cancellations of entries, filings, or selections	November	18
Correspondence, describing lands in	October	20
Field program, notes in	March	20
Final proof, notices of	April	21
Form 4—310a, letter C	November	18
Homestead entries, second	March	19
Homesteads, reports on	February	25
Good faith	March	19
Patton <i>v.</i> Quackenbush	do	19
Improvements on	October	20
Mill-site, new form for report on	April	21
Mining	March	17
Grand Canyon Railway Company <i>v.</i> Cameron	do	20
Report on	April	21
Name of land district necessary	December	21
Patented, recording	April	21
Procedure	September	20-24

Subject.	Month.	Page.
Claims—Continued.		
Proof, final.....	September	22
Reports on.....	{ August	23
prompt	September	18
unfavorable.....	November	19
Service order 5.....	December	21
Squatter, surveys of.....	do	22
Supplemental reports on.....	September	20
Survey, field notes of.....	October	20
Timber and stone—	do	20
Examination of land, when not needed.....	January	17
Report on	December	21
{ March	do	21
{ April	March	20
{ April	April	21
Closure, notice of.....	March	15
Coast ranges, little-known trees of.....	July	23
Collaborators, State and Territorial foresters may serve as.....	do	21
Compasses.....	November	18
Computing.....	July	30
Contracts, date of expiration.....	September	15
Convictions secured.....	June	15
Correspondence—	April	23
Administrative sites.....	October	20
Forester, mailing letters to the.....	February	29
Name of Forest on.....	October	23
Ogden, letters for.....	June	21
Crayons used in scaling, colors of.....	May	15
Curtin <i>v.</i> Benson et al., finding of facts.....	February	18
Diagrams , boundary	November	20
Diversion of water, record of.....	February	26
Drafting tables.....	November	20
Examinations for clerk—	October	21
Rangers.....	July	31
Excess cutting.....	April	16
Expenditures. (<i>See Accounts.</i>)		
Expenses. (<i>See also Accounts.</i>)		
General.....	do	22
Rangers' agricultural settlement.....	June	22
Express and freight addresses.....	do	20
Filing in supervisors' offices, instructions for.....	do	22
Fire, an international forest.....	September	14
warnings, acknowledgment of.....	November	20
Floor covering.....	February	26
Flags for district rangers.....	November	20
Follow-up system.....	{ March	14
Forest divisions, designation of.....	{ April	27
Homesteads—	December	22
Advertising listed lands.....	March	19
Applications, changes in.....	November	19
Form letter for applicants.....	March	21
Form 974.....	November	19
Free permits.....	June	21
Recommendations for listing.....	February	24
Report on	{ July	35
Second entries	{ September	18
Surveys.....	{ November	19
Withdrawal for necessary use.....	March	19
Trees, notes on distribution of.....	May	18
	October	13
	July	22

Subject.	Month.	Page.
Form A, use of.....	{ August	22
2A, no longer required.....	May	19
use of.....	February	24
4, use of.....	September	18
4—310a, letter C.....	August	22
98, use of.....	May	19
99, use of.....	November	18
110, use of.....	August	22
143, use of.....	July	32
164 discontinued.....	August	22
175.....	October	21
use of.....	July	35
220, use of.....	September	18
221, use of.....	February	21
270, use of.....	July	33
271, use of.....	December	22
320, use of.....	June	20
326, use of.....	April	21
615, use of.....	June	21
619, revised.....	September	14
629, discontinued.....	April	16
654, use of.....	July	34
655, use of.....	March	15
858, use of.....	July	35
874, merits of.....	do	36
874—876, discontinued.....	September	18
874—877, discontinued.....	December	21
874—878, use of.....	July	35
874—879, discontinued.....	do	36
use of.....	September	18
935, use of.....	December	21
939, use of.....	February	25
941, use of.....	March	20
946a, use of.....	April	22
946b, use of.....	June	22
964, use of.....	do	18
974, use of.....	do	18
976, use of.....	February	20
991, use of.....	July	24
Forms "Forest Reserve".....	March	18
Free use:		
Agent, payment of.....	July	24
Number of permits to each applicant.....	November	15
Free-use records.....	February	20
Freight and express addresses.....	do	20
Fuel supply.....	June	20
Fungi, timber destroying.....	July	31
Game , protection of.....	do	24
	May	17

Subject.	Month.	Page.
Germination tests of forest tree seeds, progress of.....	July.....	29
Grazing:		
Aliens entitled to permits.....	February.....	23
Allotment.....	September.....	20
Annual reports.....	October.....	18
Crossing permits.....	December.....	18
Drift fences, estimates for.....	April.....	19
Fees on part of stock.....	do.....	19
payment of.....	December.....	19
transfer of.....	April.....	20
Grazing and mining claims.....	March.....	17
Notice when stock enter Forest.....	January.....	16
Pastures for milch and work animals.....	March.....	18
Permits for drift fences, pastures, etc.....	September.....	17
for five-year periods.....	February.....	22
Private land, use of.....	January.....	16
Reductions on sliding scale.....	do.....	15
Reservoir inclosures.....	September.....	20
Squatters' claims.....	June.....	19
Unapproved State land selections, use of.....	April.....	18
Vaccine.....	September.....	17
Hearings , expenses incident to.....	May.....	18
Herder's identification card, new.....	December.....	18
Horses, when required.....	August.....	23
Hydro-electric power plants, charge for.....	December.....	13
Improvement balances.....	April.....	22
Indictment, applications from persons under.....	do.....	18
of Isobel and Adams.....	January.....	13
Insect-infested timber, Black Hills National Forest.....	July.....	24
Inspectors, instructions to.....	October.....	13
Intoxicants, use of.....	March.....	23
Isobel, indictment of.....	January.....	13
Janitor services, expenses for.....	June.....	22
Laboratory of forest pathology.....	May.....	16
Leave of absence, applications for.....	January.....	17
Legal proceedings recommended.....	{ May.....	15
Letters to the Forester, mailing of.....	June.....	15
Libraries , field:	February.....	29
Additions to.....	June.....	18
Books considered for purchase.....	May.....	16
Catalogue of books in.....	April.....	17
Use of, by rangers.....	{ December.....	18
	{ May.....	16
Library :		
Lantern slides, Glacier National Park.....	June.....	18
Monthly list of current forest literature mimeographed.....	{ December.....	18
	{ April.....	17
	{ July.....	26
	{ August.....	21
	{ September.....	15
	{ October.....	16
	{ November.....	16
New forest literature.....	{ June.....	19
	{ February.....	14
	{ January.....	16
	{ July.....	29
	{ October.....	15
	{ January.....	16
	{ February.....	14
	{ do.....	21
	{ April.....	17
	{ July.....	32
	{ April.....	17
Live-stock inspectors , Forest officers as.....		
Luquillo National Forest , jurisdiction over.....		
Mail at Christmas time.....		
Map notes.....		
Mapping, rules for.....		
Maps for field officers, mounted.....		
forwarding.....		
of National Forests, wall.....		
of National Forests, wall, new edition of.....		
Marking tools.....		
Meteorological observations on National Forests.....		

Subject.	Month.	Page.
Mining claims. (<i>See Claims.</i>)		
Monthly progress letter (planting stations).....	April	17
Natural resources, right to restrict exploitation of.....	June.....	16
Nonexpendable property.....	February.....	24
Nurseries, report on ranger.....	October.....	18
Office orders.....	August.....	23
Packages , forwarding heavy.....	May.....	19
Per diems abolished.....	June.....	22
Permanent improvements:		
Administrative sites—		
Estimates on.....	September.....	19
Survey of.....	do	19
Allotment for.....	May.....	19
Increased.....	July.....	33
Brush disposal.....	February.....	20
Cooperation with stockmen.....	August.....	24
Telephone instruments, purchase of.....	December.....	22
Telephone lines—		
Colorado Telephone Co.....	July.....	33
Extent.....	do	33
Form 221.....	do	33
Length of poles.....	do	33
Settlers, use by.....	do	33
Trees in lieu of poles.....	do	33
Permits, expiration, date of.....	September.....	15
Photographs and photographic equipment:		
In field.....	January.....	13
Transfer and forwarding of.....	March.....	18
Planimeters.....	January.....	16
Planting nurseries, report on ranger.....	October	18
Predatory animals killed by Forest officers, reports of.....	May	23
Printing in the field, right to do.....	June	17
Proclamations.....	November.....	20
Products, statistics of forest.....	July	29
Progress letter, monthly (planting stations).....	April	17
Promise record and follow-up system.....	{ March	14
	{ April	27
Property. (<i>See Supplies.</i>)		
accounting on National Forests.....	{ April	20
	{ May	21
Protection of stock and game.....	do	17
Public land laws and regulations.....	December	18
Publications, distribution of.....	August	23
Purdy, arrest of.....	January	13
Ranger districts, permanent.....	November	20
Nurseries abandoned.....	January	15
Nursery reports.....	December	18
Station selections.....	October	23
Rangers, annual meetings of.....	do	23
Temporary transfer of.....	July	32
Rangers' notebook, merits of.....	October	21
Tables.....	December	19
Recaption.....	March	16
Receipts.....	April	25
Reclamation Service, letters to supervising engineers.....	June	20
Red Books for Forest users.....	November	20
Redistricting of National Forests.....	June	22
Registration of official mail.....	December	19
Reimbursement accounts.....	{ May	17
	{ June	22
Salaries , explanation of deductions in	July	30

Subject.	Month.	Page.	
Salary allotments:			
Changes in	May	22	
Full use of	October	21	
Sawmills	December	17	
Seed production, report on	July	29	
Seizure or recaption	March	16	
Service order 1	August	23	
Service order 2	do	24	
Service order 3	September	20	
Service order 4	do	20	
Service order 5	do	20	
Instructions concerning	{ December	20	
	{ May	18	
Service order 6	October	23	
Service order 7	do	23	
Service order 8	do	23	
Service order 9	December	23	
Service order 10	February	29	
Service order 11	do	29	
Service order 12	March	23	
Service order 13	April	25	
Service order 14	do	27	
Service order 15	May	21	
Service order 16	do	23	
Service order 17	June	23	
Service orders	August	23	
Signatures to vouchers and subvouchers	do	22	
Silvical data on file	July	25	
report for 1908 due in April	January	15	
	carbon copies of		
Small items	March	16	
Snags on cut-over stands	August	22	
Special uses:	March	16	
Agricultural, closing	February	26	
Applications, additional regulations	December	22	
	circular letter regarding	do	20
Authority of Forester to issue, when not needed	do	20	
Cabins, permits for	November	19	
Circular concerning	{ July	34	
	{ August	23	
	{ September	18	
	July	34	
	February	26	
	do	25	
Field details	July	34	
Form 619 revised	do	34	
Free	November	19	
	Agricultural permits	March	21
Instructions	October	19	
Naming Forest, in designating cases	November	19	
Payments, supervisors' permits	August	23	
Permits for drift fences, pastures, etc	September	17	
	timber settlement	January	14
Rangers' copies of permits	March	22	
Refunds	January	15	
Reports, supervisors' permits	August	23	
Springs	December	20	
Supervisors' permits	August	23	
	reports on	July	34
	stamps for	do	34
Telephone permits	April	20	
Telephones	December	20	

Subject.	Month.	Page.
Special uses—Continued.		
Timber settlement	January	14
Scaling	do	15
Utilization	do	15
State and Territorial foresters may serve in Forest Service	July	21
fence laws, cases involving	May	15
lands in National Forest	August	19
Stock, protection of	May	17
Subsistence	July	32
Rangers'	do	32
Supplies:		
Addresses of Forest officers	October	19
express and freight	June	20
Badges, small	October	19
Brush burners obtainable	May	18
Calendar pads for 1908	November	18
Carrying cases, rangers'	October	19
Compasses	November	18
Damaged property	April	22
Food	May	17
Form 939	March	18
Fuel	July	31
Lost property	April	22
Nonexpendable property	February	24
Photographs and photographic equipment	March	18
Property, return of, to property clerk	June	19
Requisitions for	{ November	18
Return of	June	23
Shipping points	December	19
Tool boxes for fire-fighting implements	September	17
Worn-out and unserviceable property	do	18
Surety companies approved	do	16
Telephone calls, toll charges for	May	19
conversations, record of	February	29
directory, address in	August	23
lines. (<i>See also</i> Permanent improvements.)	June	21
over National Forests, free use of	May	17
Temporary employees in the field, accounts for services of	April	22
Employees on Sundays and holidays, services of	May	19
Laborers, Forest officers on furlough as	May	19
Timber sales:		
Advance cutting, application for	{ August	20
Payments	September	14
Applications, form of	October	14
Authority in sales exceeding \$100	July	24
Bids	December	17
Check scaling results	November	16
Class A sales:	October	15
Letters of transmittal	July	23
Maps	October	14
Recommendation of Forest officers	do	15
Class A and B sales:	do	15
Price	do	15
Class B sales—	{ do	15
Advertised, authorization	December	17
Bid envelopes	April	15
	January	14

Subject.	Month.	Page.
Timber sales—Continued.		
Class B and C sales, advertised—		
Date of advertisement.....	February.....	19
Location.....	March.....	15
Class C sales—		
Advertisements and bids.....	July.....	24
Notice of.....	October.....	15
Report on examination of.....	September.....	14
Closing old cases.....	February.....	19
Contracts, approval of.....	March.....	15
Crayons used in scaling, colors of.....	May.....	15
Deposits and timber cut, record of.....	September.....	14
Diameter limits—		
Approximate.....	January	13
Variation of.....	September	15
Diseased timber on mining claims.....	April	15
Entries in scale books.....	December	17
Extension of time in.....	{ November	15
December	16	
Free permits, year during which granted.....	April	17
Informal applications, information of.....	November	15
Letter of transmittal, duplicate.....	August	19
Marking.....	do	20
Tools.....	July	32
Overpayments in.....	February	20
Payments in.....	March	14
Publication of advertisement.....	December	17
Refund entries.....	June	18
Removal of timber.....	January	14
Sale of Douglas fir, cedar, and hemlock.....	July	24
upon invalid claims.....	October	13
Timber cut—		
Record of.....	September	14
Reports of.....	March	15
Two years, running over.....	July	24
Verbal agreements.....	October	15
Timber settlements:		
Overpayments in.....	February	20
Refund entries.....	June	18
Tool boxes for fire-fighting implements.....	September	18
Transfers.....	July	31
Transportation. (<i>See Accounts.</i>)		
Charges, subvouchers for.....	August	22
Travel and subsistence.....	July	32
Reimbursement for expenses.....	{ do	32
Treating plants in National Forests.....	June	22
Trespass:		
Criminal—		
Binkley and Purdy, arrest of	January	13
Isobel and Adams, indictment of	do	13
Kellerup, Mark.....	April	15
Grazing—		
Affidavits in.....	March	17
Bale, R. E., <i>v.</i> U. S.....	November	14
Daguirre, U. S. <i>v.</i>	July	21
Domingo, U. S. <i>v.</i>	do	21
Instructions regarding.....	February	21
Light, Fred—		
Legal proceedings recommended.....	{ August	19
Preliminary decision against.....	May	15
State fence laws.....	June	15
	April	15

Subject.	Month.	Page.
Trespass—Continued.		
Orenshaw and Moffat.....	December.....	13
Plumley, Lyman A.....	do.....	13
Prejudice, settlement without.....	April.....	19
School lands.....	September.....	14
Shannon, case of U. S. v., affirmed.....	March.....	14
Timber—		
Alexander, Geo. V., letter from.....	October.....	14
Refund entries.....	June.....	18
Teller trial.....	July.....	22
Uniform , the Forest Service:		
changes in.....	April.....	23
contract to furnish.....	October.....	20
securing of, by unauthorized persons	do.....	20
Use Book :		
Correction in.....	May.....	15
Error in.....	November.....	16
For Forest users.....	do.....	20
Revised edition of.....	June.....	15
Sawmills.....	December.....	17
Vaccine		
Vouchers to be accompanied by Form 98 or 99.....	September.....	17
Weather Bureau records.....	August.....	22
Wild horses.....	May.....	16
	April.....	18

O

W143



